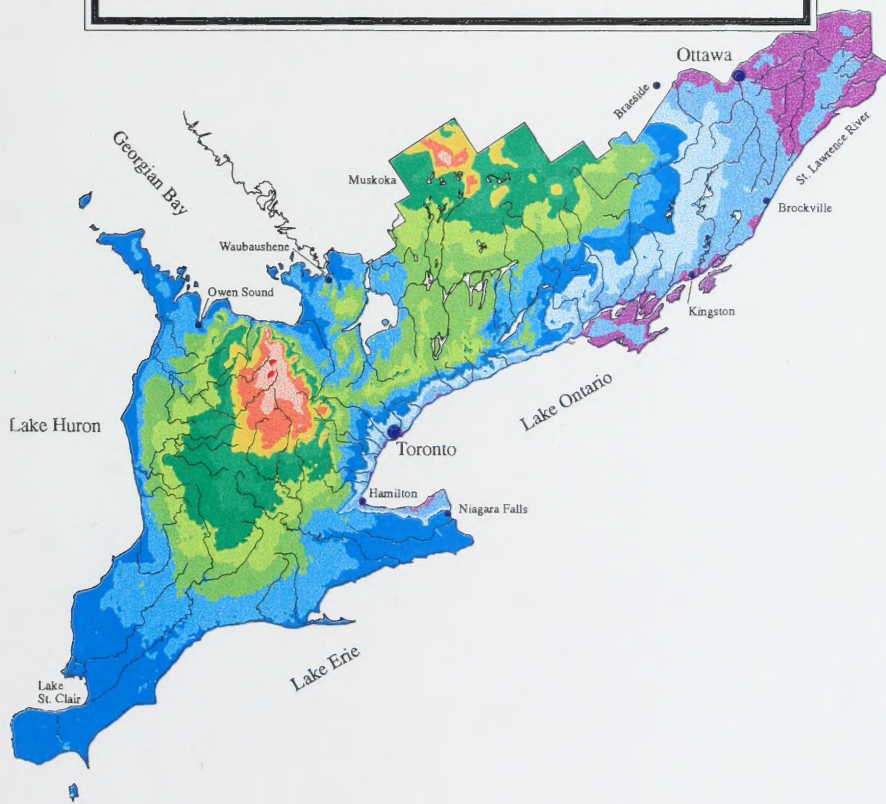


# THE HYDROGEOLOGY OF SOUTHERN ONTARIO (APPENDICES)



Ministry of Environment and Energy





Hydrogeology of Ontario  
Series (Report 1)

# THE HYDROGEOLOGY OF SOUTHERN ONTARIO

VOLUME 3  
(APPENDICES)

BY

S.N. SINGER, C.K. CHENG, AND M.G. SCAFE

MINISTRY OF ENVIRONMENT AND ENERGY

TORONTO

ONTARIO

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Ministry of Environment and Energy

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## PREFACE

This report describes the hydrogeology of southern Ontario in terms of the hydraulic parameters of various bedrock and overburden units, and the geologic conditions under which ground water flow systems operate. In addition, the report provides an assessment of the long-term ground water recharge and discharge, and an evaluation of ground water quality. The report is intended to provide basic hydrogeologic information that can be used for the wise management of the ground water resources in southern Ontario.

Toronto, June 1995

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**TABLE OF CONTENTS**

(VOLUME 1)

	<u>Page</u>
1. EXECUTIVE SUMMARY	1
2. INTRODUCTION	3
2.1 THE SIGNIFICANCE OF ONTARIO'S GROUND WATER RESOURCES	3
2.2 IMPORTANCE OF SCALE IN HYDROGEOLOGIC STUDIES	4
2.3 PURPOSE AND SCOPE OF THE STUDY	5
2.4 LOCATION	5
2.5 RELEVANT INVESTIGATIONS	5
2.6 PREVIOUS HYDROGEOLOGIC INVESTIGATIONS	6
2.7 ACKNOWLEDGEMENTS	8
3. GEOGRAPHY	9
3.1 PHYSIOGRAPHY	9
3.2 DRAINAGE	10
3.3 CLIMATE	11
4. DATA AND METHODS USED IN THE STUDY	13
4.1 DATA USED IN THE STUDY	13
4.2 THE WATER WELL INFORMATION SYSTEM	13
4.3 THE RAISON GIS SYSTEM	14
5. HYDROGEOLOGIC DEFINITIONS	16
5.1 GROUND WATER	16
5.2 AQUIFERS	16
5.3 HYDRAULIC PARAMETERS	17
6. GROUND WATER OCCURRENCE IN THE BEDROCK	20
6.1 BEDROCK TOPOGRAPHY	20
6.1.1 Dundalk Dome	21
6.1.2 Bedrock Valleys	21
6.2 PRECAMBRIAN ROCKS	21
6.2.1 Precambrian Hydrogeologic Unit	22
6.3 PALAEOZOIC ROCKS	22
6.3.1 Early Cambrian Strata	23
6.3.2 Upper Cambrian and Lower Ordovician Strata	23
6.3.2.1 Nepean-March-Oxford Hydrogeologic Unit	23
6.3.3 Middle to Late Ordovician Strata in Eastern and Central Ontario	24
6.3.3.1 Rockcliffe Hydrogeologic Unit	25
6.3.3.2 Ottawa Group Hydrogeologic Unit	25
6.3.3.3 Simcoe Group Hydrogeologic Unit	25
6.3.4 Upper Ordovician Strata in Eastern and Central Ontario	26
6.3.4.1 Billings-Carlsbad-Queenston Hydrogeologic Unit	26
6.3.4.2 Blue Mountain-Georgian Bay Hydrogeologic Unit	27
6.3.4.3 Queenston Hydrogeologic Unit	27
6.3.5 Lower Silurian Strata	28
6.3.5.1 Cataract Group Hydrogeologic Unit	28

6.3.6	Middle Silurian Strata	28
6.3.6.1	Dyer-Wingfield-St. Edmund Hydrogeologic Unit	29
6.3.6.2	Clinton Group Hydrogeologic Unit	30
6.3.6.3	Amabel-Lockport-Guelph Hydrogeologic Unit	30
6.3.7	Upper Silurian Strata	32
6.3.7.1	Salina Hydrogeologic Unit	32
6.3.7.2	Bass Island Hydrogeologic Unit	32
6.3.8	Lower Devonian Strata	33
6.3.8.1	Bois Blanc Hydrogeologic Unit	33
6.3.9	Middle Devonian Strata	34
6.3.9.1	Detroit River Group Hydrogeologic Unit	34
6.3.9.2	Dundee Hydrogeologic Unit	35
6.3.9.3	Hamilton Group Hydrogeologic Unit	35
6.3.10	Upper Devonian and Mississippian Strata	35
6.3.10.1	Kettle Point Hydrogeologic Unit	36
6.4	A COMPARISON OF THE WATER-YIELDING CAPABILITIES AMONG VARIOUS BEDROCK HYDROGEOLOGIC UNITS	36
7.	GROUND WATER OCCURRENCE IN THE OVERBURDEN	37
7.1	OVERBURDEN THICKNESS	38
7.2	ILLINOIAN GLACIAL DEPOSITS	38
7.3	SANGAMONIAN INTERGLACIAL DEPOSITS	38
7.4	EARLY WISCONSINAN DEPOSITS	38
7.5	MIDDLE WISCONSINAN DEPOSITS	39
7.6	LATE WISCONSINAN DEPOSITS AND CHARACTERISTICS OF WATER WELLS IN AREAS WHERE THESE DEPOSITS OUTCROP AT THE SURFACE	39
7.6.1	Nissouri Stadial Deposits	39
7.6.1.1	Catfish Creek Till	39
7.6.2	Erie Interstadial Deposits	40
7.6.3	Port Bruce Stadial Deposits	40
7.6.3.1	Deposits Associated with the Combined Erie-Ontario Lobe	40
7.6.3.1.1	Maryhill Till	40
7.6.3.1.2	Port Stanley Till	41
7.6.3.2	Deposits Associated with the Combined Huron-Georgian Bay Lobe	41
7.6.3.2.1	Tavistock Till	42
7.6.3.2.2	Mornington Till	42
7.6.3.2.3	Stratford Till	43
7.6.3.3	Deposits Associated with the Georgian Bay Lobe	43
7.6.3.3.1	Elma Till	43
7.6.3.3.2	Dunkeld Till	44
7.6.3.4	Deposits Associated with the Huron Lobe	44
7.6.3.4.1	Rannoch Till	44
7.6.3.5	Deposits Associated with the Simcoe Lobe	44
7.6.3.5.1	Newmarket Till	44
7.6.3.6	Glaciofluvial and Glaciolacustrine Deposits Associated with the Port Bruce Stade	45
7.6.4	Mackinaw Interstadial Deposits	45
7.6.4.1	Wentworth Till	45
7.6.5	Port Huron Stadial Deposits	46
7.6.5.1	Halton Till	46



	<u>Page</u>
7.6.5.2 Kettleby Till	47
7.6.5.3 St. Joseph Till	47
7.6.6 Two Creeks Interstadial Deposits	48
7.6.6.1 Quaternary Unit 18	48
7.6.6.2 Quaternary Unit 19	48
7.6.6.3 Quaternary Unit 20	49
7.6.6.4 Quaternary Unit 21	49
7.6.7 Greatlakean Stade Deposits	50
7.6.8 Glaciofluvial, Glaciolacustrine, Glaciomarine and Marine Deposits	50
7.6.8.1 Ice-Contact Deposits	51
7.6.8.2 Outwash Deposits	52
7.6.8.3 Sands and Gravels of Glaciolacustrine Origin	52
7.6.8.4 Sands and Gravels of Glaciomarine and Marine Origins	52
7.6.8.5 Silts and Clays of Glaciolacustrine Origin	53
7.6.8.6 Silts and Clays of Glaciomarine and Marine Origins	53
7.7 HOLOCENE (RECENT) DEPOSITS	53
 8. GROUND WATER FLOW SYSTEMS	 55
 9. LONG-TERM GROUND WATER RECHARGE AND DISCHARGE	 57
9.1 GROUND WATER AND THE HYDROGEOLOGIC CYCLE	57
9.2 SOIL MOISTURE AND GROUND WATER RECHARGE	57
9.3 TIMING OF GROUND WATER RECHARGE IN SOUTHERN ONTARIO	57
9.4 QUANTITATIVE ASSESSMENT OF GROUND WATER DISCHARGE AND RECHARGE	58
10. GROUND WATER QUALITY	60
10.1 GROUND WATER QUALITY IN THE BEDROCK	61
10.1.1 Precambrian Hydrogeologic Unit	62
10.1.2 Nepean-March-Oxford Hydrogeologic Unit	62
10.1.3 Rockcliffe Hydrogeologic Unit	63
10.1.4 Ottawa Group Hydrogeologic Unit	63
10.1.5 Simcoe Group Hydrogeologic Unit	63
10.1.6 Billings-Carlsbad-Queenston Hydrogeologic Unit	64
10.1.7 Blue Mountain-Georgian Bay Hydrogeologic Unit	64
10.1.8 Queenston Hydrogeologic Unit	64
10.1.9 Clinton Group-Cataract Group Hydrogeologic Units	65
10.1.10 Amabel-Lockport-Guelph Hydrogeologic Unit	65
10.1.11 Salina Hydrogeologic Unit	66
10.1.12 Bass Island Hydrogeologic Unit	66
10.1.13 Bois Blanc Hydrogeologic Unit	67
10.1.14 Detroit River Group Hydrogeologic Unit	67
10.1.15 Dundee Hydrogeologic Unit	68
10.1.16 Hamilton Group Hydrogeologic Unit	68
10.1.17 Kettle Point Hydrogeologic Unit	69
10.2 GROUND WATER QUALITY IN THE OVERBURDEN	69
10.2.1 Sodium	70
10.2.2 Iron	70
10.2.3 Chloride	70
10.2.4 Nitrate	70
10.2.5 Sulphate	71

Page

10.2.6	Hardness	71
10.2.7	Total Dissolved Solids	71
10.2.8	Overburden Ground water Types	71
10.3	GENERAL CHARACTERISTICS OF NATURAL GROUND WATER QUALITY ENCOUNTERED IN BEDROCK AND OVERBURDEN WELLS	71
11.	CONCLUSIONS	73
REFERENCES		75
TABLES		T1-T25

**(VOLUME 2)****FIGURES****(VOLUME 3)**

APPENDIX I	METHODOLOGY
APPENDIX II	TRANSMISSIVITY-PROBABILITY GRAPHS AND SPECIFIC CAPACITY-PROBABILITY GRAPHS
APPENDIX III	WATER QUALITY DATA FOR BEDROCK WELLS
APPENDIX IV	WATER QUALITY DATA FOR OVERBURDEN WELLS

**LIST OF TABLES**

	<u>Page</u>
Table 1	Kind of water encountered in bedrock wells by county T1
Table 2	Water-yielding capabilities of various bedrock hydrogeologic units in southern Ontario T2
Table 3	Kind of water encountered in overburden wells by county T3
Table 4	Summary of Quaternary sand and gravel deposits T4
Table 5	Selected gauging stations in southern Ontario, their periods of record, and drainage areas T5
Table 6	Long-term means of monthly and annual ground water discharge/recharge at selected gauging stations in southern Ontario T6
Table 7	Ground water quality in various bedrock hydrogeologic units T7
Table 8	Ground water quality for wells completed in areas where various overburden deposits outcrop at surface T11
Table 9	Bedrock ground water types T15
Table 10	General characteristics of natural ground water quality encountered in bedrock and overburden wells in southern Ontario by various parameters T16

**LIST OF ILLUSTRATIONS****(VOLUME 2)**

- Figure 1      Location of the study area.
- Figure 2      Map of southern Ontario showing the counties included in the study.
- Figure 3      Physiographic regions in southern Ontario (from Thurston et al, 1992).
- Figure 4      Major drainage basins in southern Ontario (from MNR, 1984).
- Figure 5      Mean annual precipitation (a), snowfall (b), evapotranspiration (c), and runoff (d) in southern Ontario (from MNR, 1984).
- Figure 6      Locations of bedrock wells in southern Ontario.
- Figure 7      Bedrock elevation in southern Ontario.
- Figure 8      Ranges of specific capacities for wells completed in Precambrian rocks.
- Figure 9      Bedrock hydrogeologic units in eastern Ontario.
- Figure 10     Ranges of specific capacities for wells completed in the Nepean-March-Oxford Hydrogeologic Unit.
- Figure 11     Ranges of specific capacities for wells completed in the Simcoe Group Hydrogeologic Unit.
- Figure 12     Ranges of specific capacities for wells completed in Blue Mountain-Georgian Bay and Queenston hydrogeologic units.
- Figure 13     Ranges of specific capacity values for wells completed in the Amabel-Lockport-Guelph, Salina and Bass Island hydrogeologic units.
- Figure 14     Ranges of specific capacity values for wells completed in the Bois Blanc, Detroit River Group, Dundee, Hamilton Group and Kettle Point hydrogeologic units.
- Figure 15     Water-yielding capabilities of bedrock hydrogeologic units in southern Ontario.
- Figure 16     Correlation chart for southwestern Ontario (from Thurston et al, 1992).
- Figure 17     Locations of overburden wells in southern Ontario.
- Figure 18     Overburden thickness in southern Ontario.
- Figure 19     Areas where sand and gravel deposits outcrop at surface in southern Ontario.
- Figure 20     Ground water level within the bedrock in southern Ontario.
- Figure 21     Ground water level within the overburden in southern Ontario.

- Figure 22 Hydrographs of water level fluctuations in observation well W-5A (piezometers a and b) during water year 1971-1972 (from Singer, 1974).
- Figure 23 Static water level in well 1B during 1972 in the Blue Springs Creek watershed (from Coward and Barouch, 1978).
- Figure 24 Bedrock wells with natural water quality problems.
- Figure 25 Percentage of samples exceeding the PDWO for sodium (200 mg/l).
- Figure 26 Percentage of samples exceeding the PDWO for iron (0.3 mg/l).
- Figure 27 Percentage of samples exceeding the PDWO total dissolved solids (500 mg/l).
- Figure 28 Percentage of samples exceeding the PDWO for chloride (250 mg/l).
- Figure 29 Percentage of samples exceeding the PDWO for sulphate (250 mg/l).
- Figure 30 Minimum, mean and maximum levels of hardness for various bedrock hydrogeologic units.
- Figure 31 Overburden wells with natural water quality problems.

### **(VOLUME 3, Appendix II)**

- Figure A1 Transmissivity-probability graph for wells completed in Precambrian rocks.
- Figure A2 Transmissivity-probability graph for wells completed in the Nepean-March-Oxford hydrogeologic unit.
- Figure A3 Transmissivity-probability graph for wells completed in the Rockcliffe hydrogeologic unit.
- Figure A4 Transmissivity-probability graph for wells completed in the Ottawa Group hydrogeologic unit.
- Figure A5 Transmissivity-probability graph for wells completed in the Simcoe Group hydrogeologic unit.
- Figure A6 Transmissivity-probability graph for wells completed in the Billings-Carlsbad-Queenston hydrogeologic unit.
- Figure A7 Transmissivity-probability graph for wells completed in the Blue Mountain-Georgian Bay hydrogeologic unit.
- Figure A8 Transmissivity-probability graph for wells completed in the Queenston hydrogeologic unit in central Ontario.
- Figure A9 Transmissivity-probability graphs for wells completed in the Amabel, Lockport and Guelph Formations.
- Figure A10 Transmissivity-probability graphs for wells completed in the Salina and Bass Island hydrogeologic units.



- Figure A11 Transmissivity-probability graph for wells completed in the Bois Blanc hydrogeologic unit.
- Figure A12 Transmissivity-probability graphs for wells completed in the Detroit River Group, Dundee and Hamilton Group hydrogeologic units.
- Figure A13 Transmissivity-probability graph for wells completed in the Kettle Point hydrogeologic unit.
- Figure A14 Specific capacity-probability graphs for wells completed in glaciofluvial deposits.
- Figure A15 Specific capacity-probability graphs for wells completed in sands and gravels of glaciolacustrine, glaciomarine and marine origin.

**APPENDIX I**

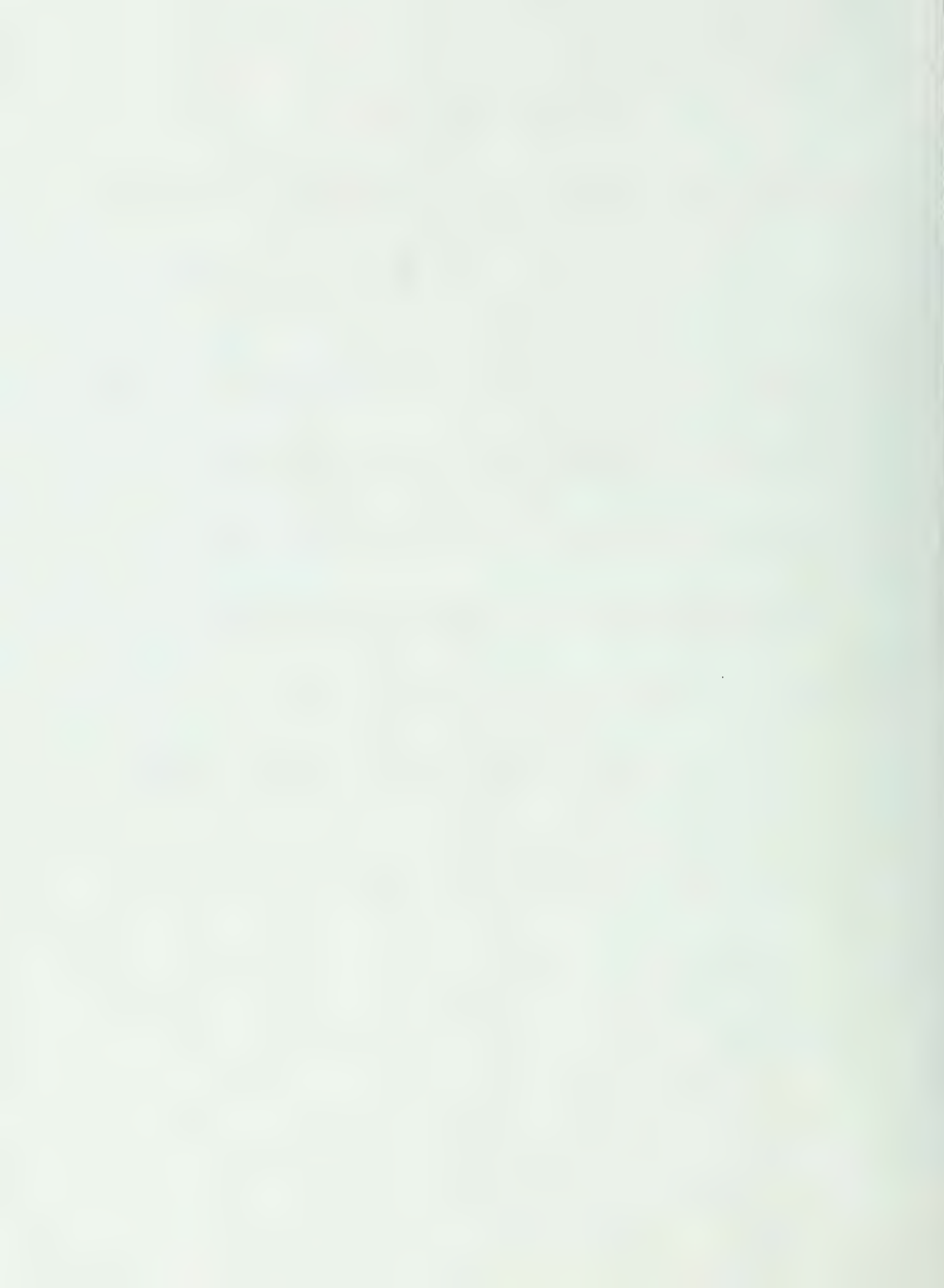
**MAPPING METHODOLOGY**



## MAPPING METHODOLOGY

The following methods and assumptions were made during the preparation of maps, specific capacity-probability graphs, and transmissivity-probability graphs:

1. Only water wells with UTM reliability codes of 6 or less were used in the analyses.
2. All well locations were checked against township geographic boundaries.
3. Water well data were analyzed as subsets on a county basis.
4. Portions of well data in adjoining counties were considered in the analyses in order to improve boundary contour accuracy.
5. Water well records that produced anomalies on generated maps were checked for accuracy and were removed from the database if found erroneous.
6. Elevations of major streams and lakes taken from topographic maps (scale 1:50,000) were considered in the preparations of groundwater level maps.
7. Overburden thickness in areas where bedrock outcrops at surface on OGS Map 2556 (scale 1:1,000,000) were assigned zero values, thus increasing substantially the size of the available database.
8. Data within every 500\*500 m grid were averaged. Errors related to well location introduced by this averaging technique ranges from 150 to 350 m.
9. Contours in grids with no data were generated from data in adjoining 5 nearest grids using the Kriging interpolation method. The process was repeated until an acceptable level of continuity was achieved.
10. The resulting bitmaps generated in step 8 were converted to DXF vector files and imported into Corel Draw (v. 3.0) to produce the final figures.





## **APPENDIX II**

**TRANSMISSIVITY-PROBABILTY GRAPHS**

**AND**

**SPECIFIC CAPACITY-PROBABILITY GRAPHS**



Transmissivity in square metres per day

1 10 100 1000

Percentage of wells

0.1 1 2 5 10 20 30 50 70 80 90 95 98 99 99.9

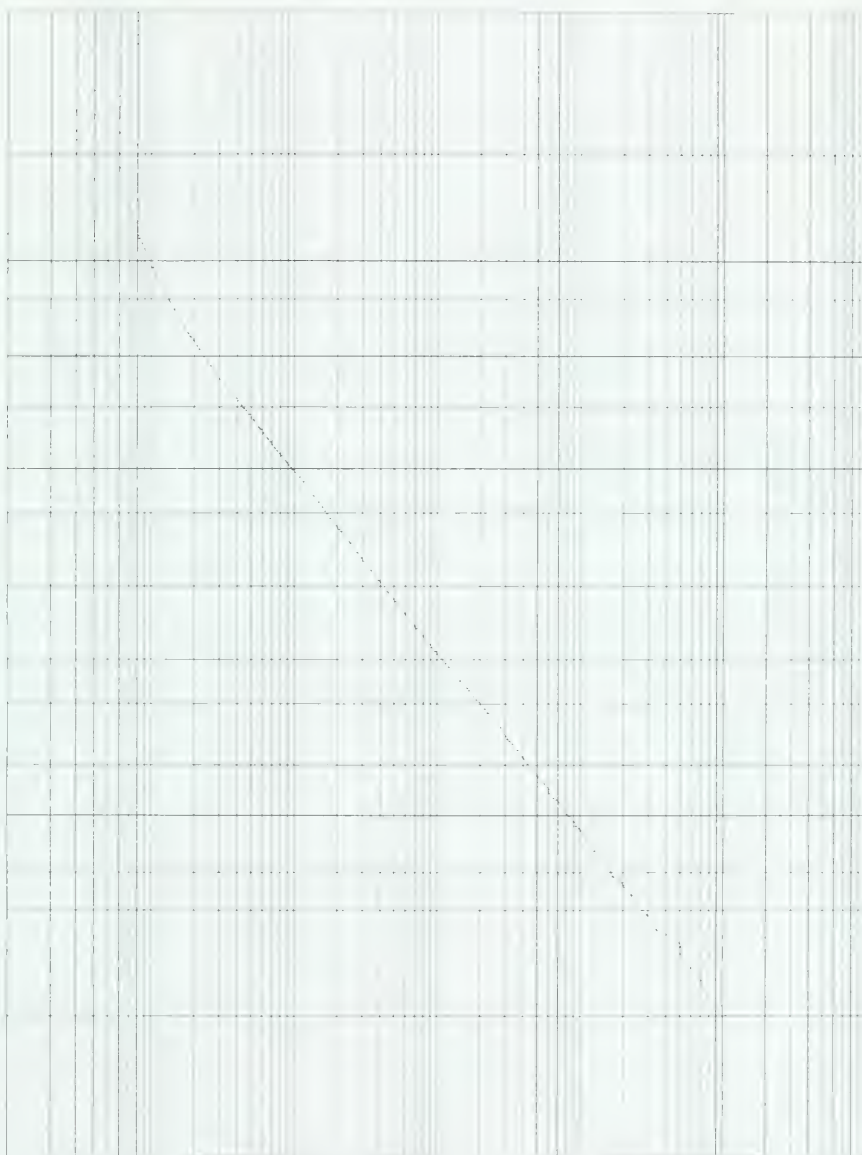


Figure A1. Transmissivity-probability graph for wells completed in Precambrian rocks.

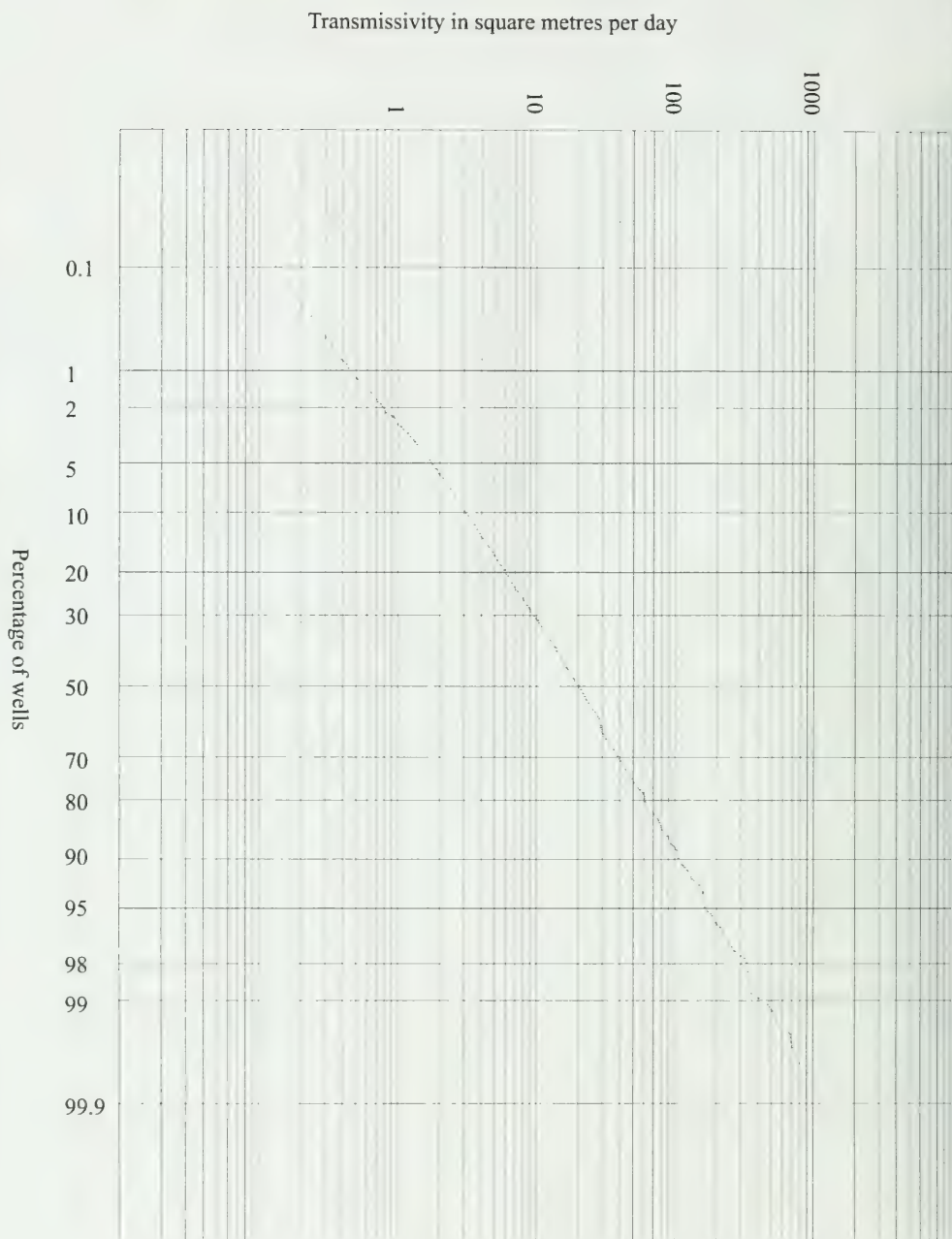
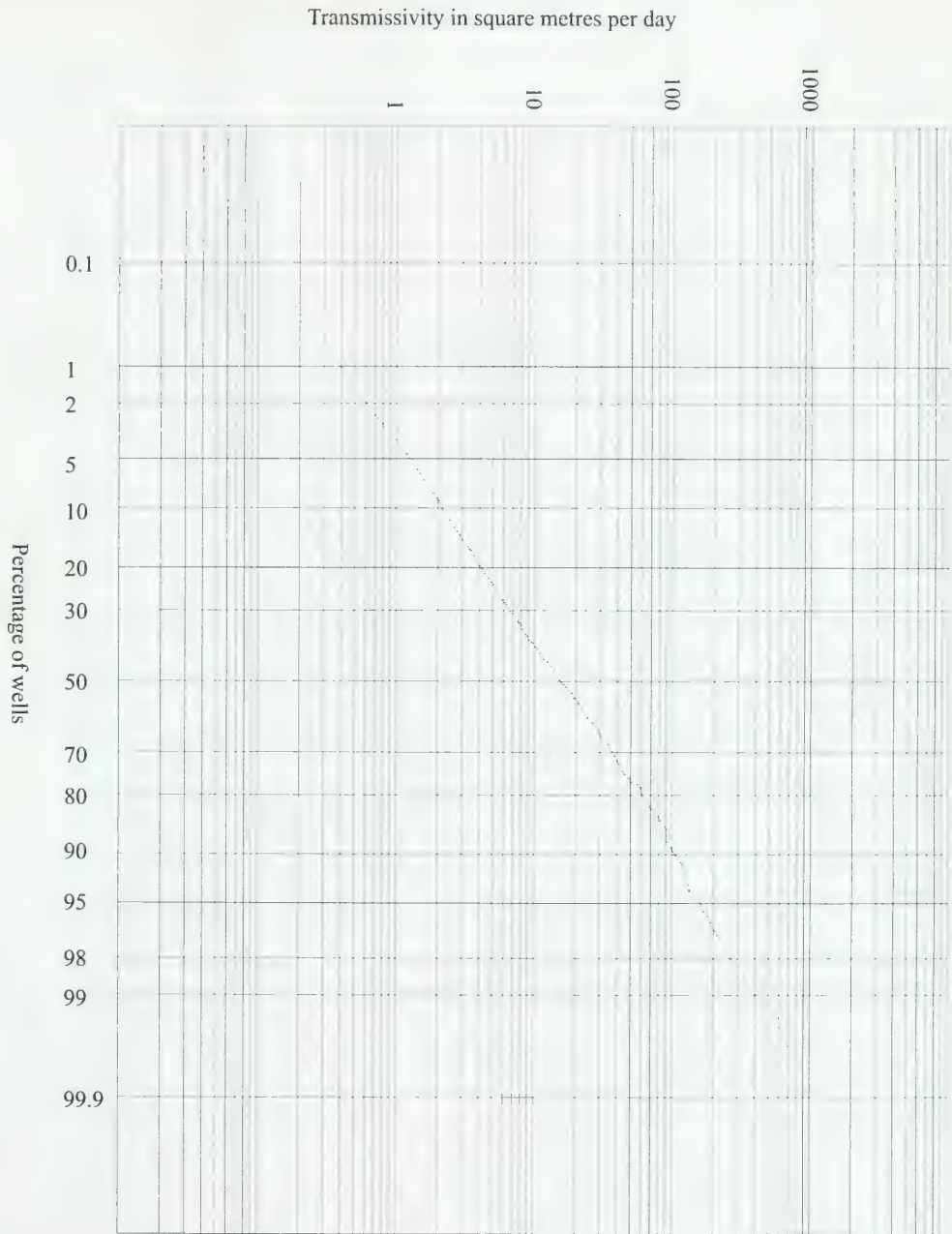


Figure A2. Transmissivity-probability graph for wells completed in the Nepean-March-Oxford hydrogeologic unit.

Figure A3. Transmissivity-probability graph for wells completed in the Rockcliffe hydrogeologic unit.





Transmissivity in square metres per day

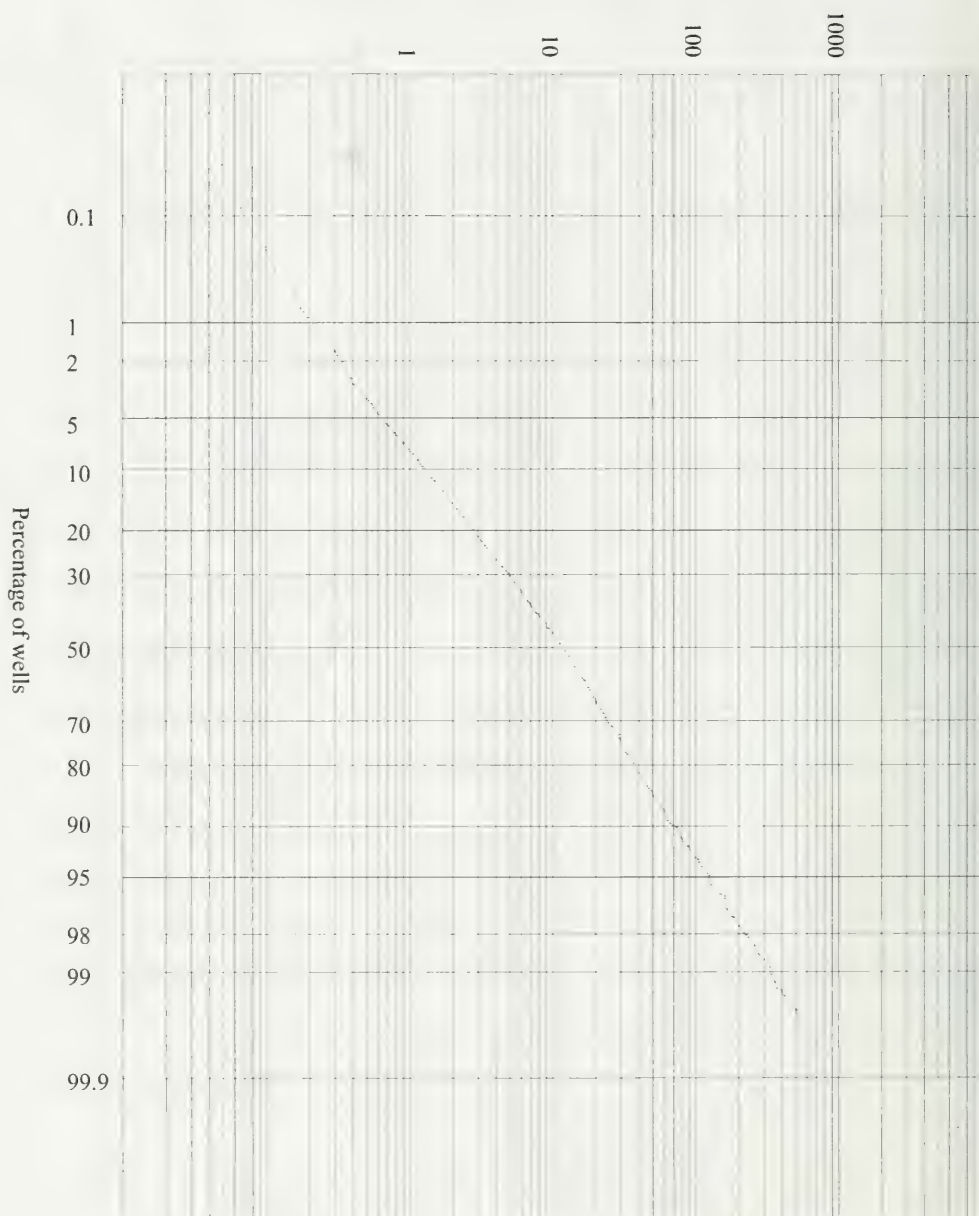


Figure A4. Transmissivity-probability graph for wells completed in the Ottawa Group hydrogeologic unit.

Transmissivity in square metres per day

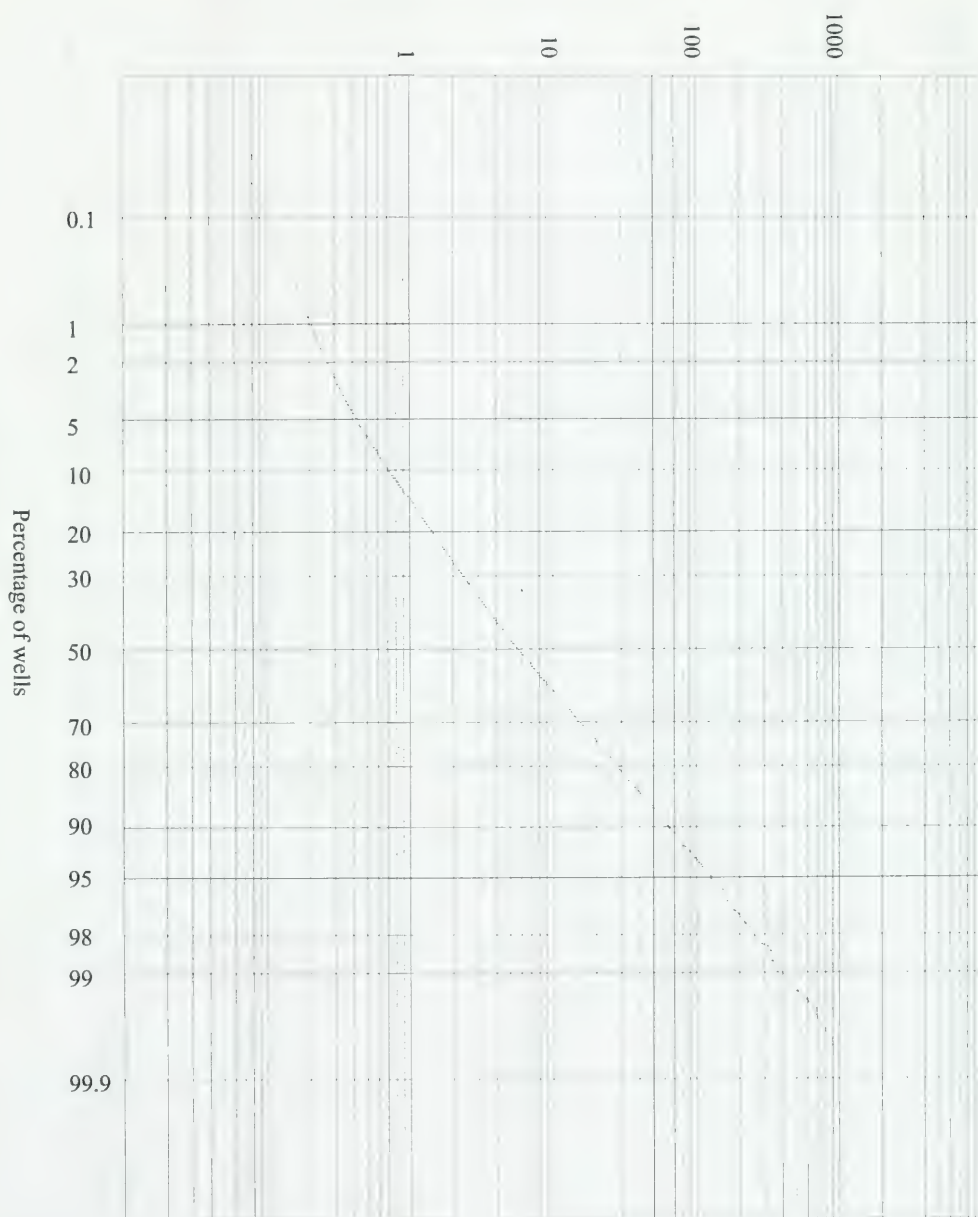


Figure A5. Transmissivity-probability graph for wells completed in the Simcoe Group hydrogeologic unit.

Transmissivity in square metres per day

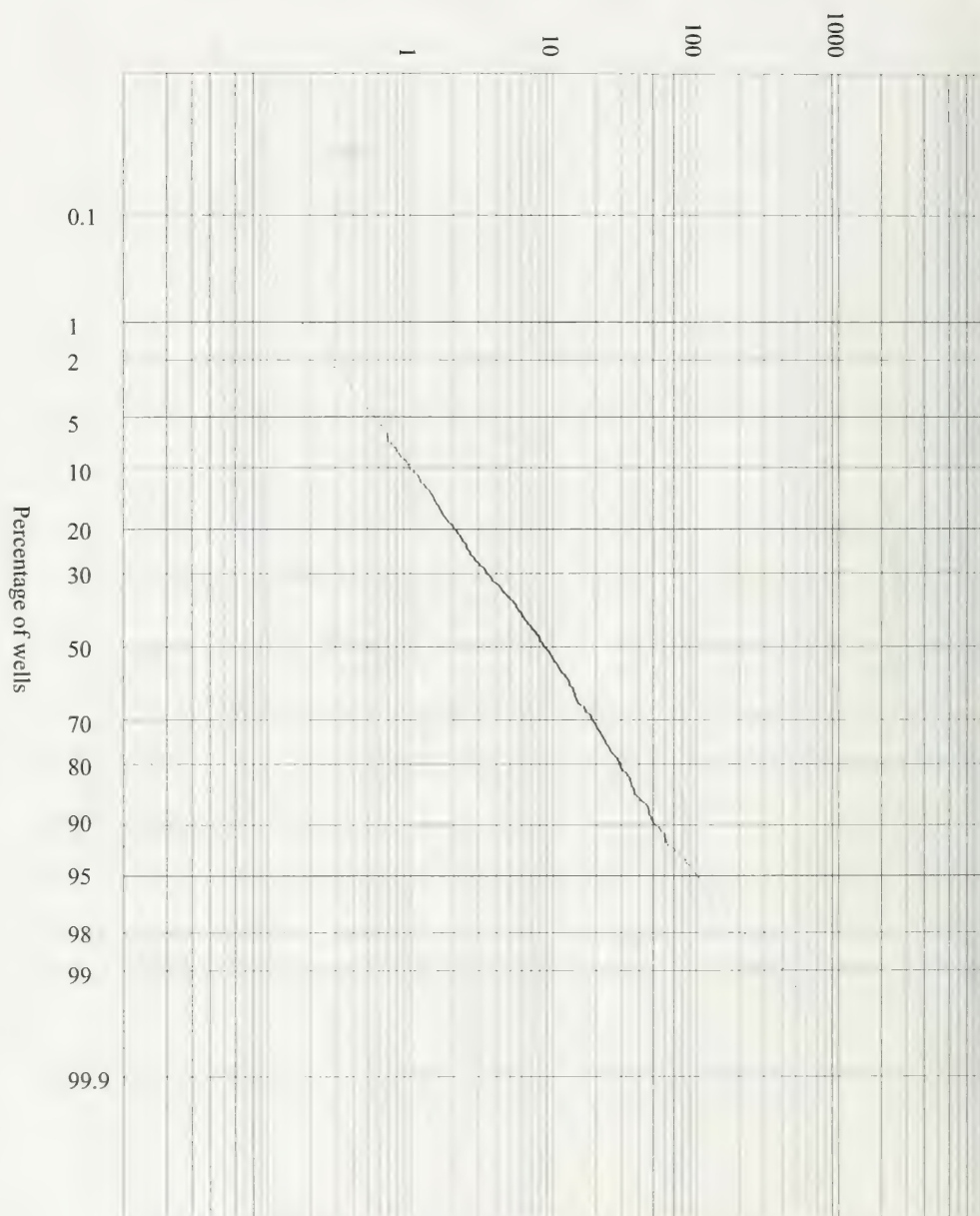
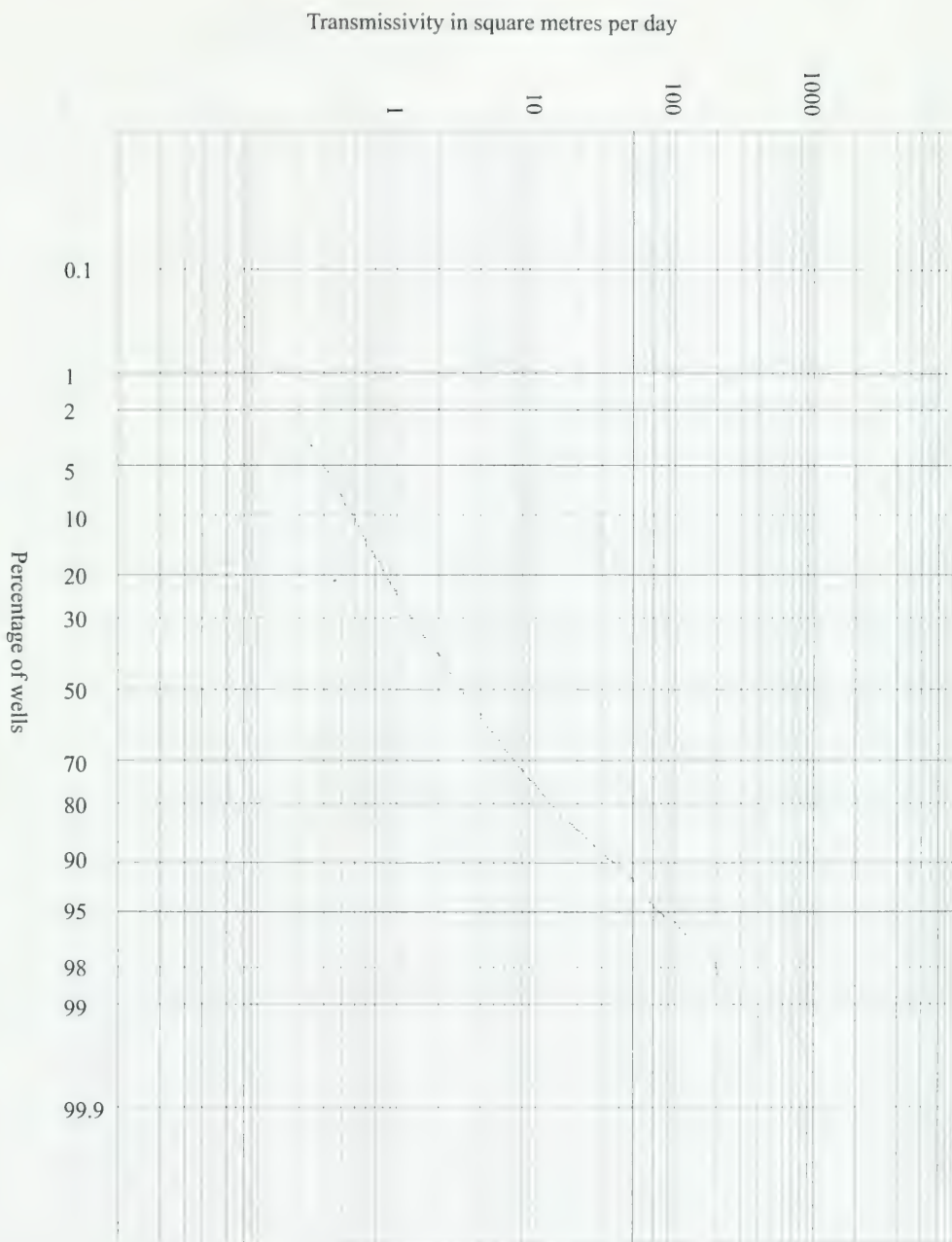


Figure A6. Transmissivity-probability graph for wells completed in the Billings-Carsbad-Queenston hydrogeologic unit.

Figure A7. Transmissivity-probability graph for wells completed in the Blue Mountain-Georgian Bay hydrogeologic unit.



Transmissivity in square metres per day

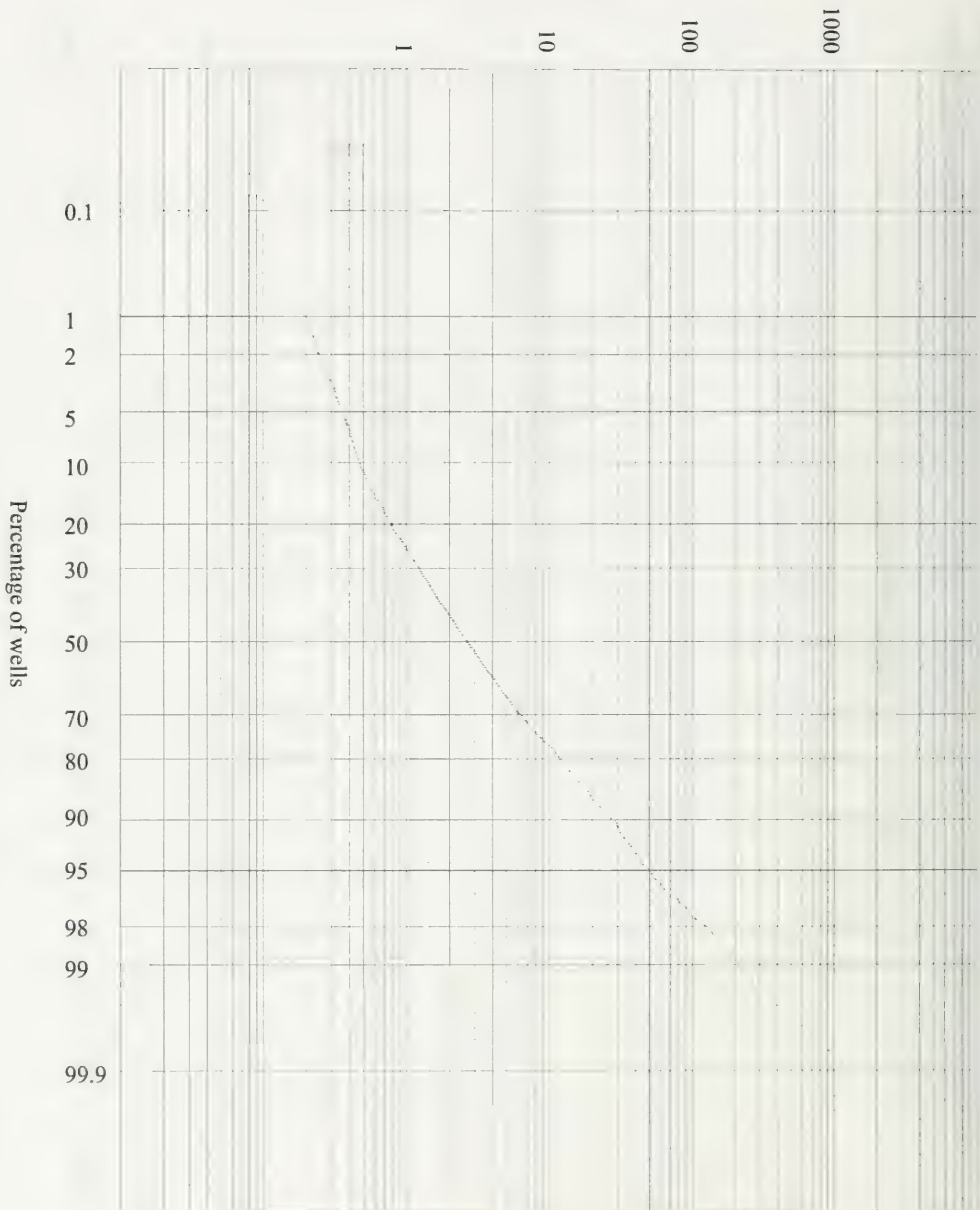


Figure A8. Transmissivity-probability graph for wells completed in the Queenston hydrogeologic unit in central Ontario.



Transmissivity in square metres per day

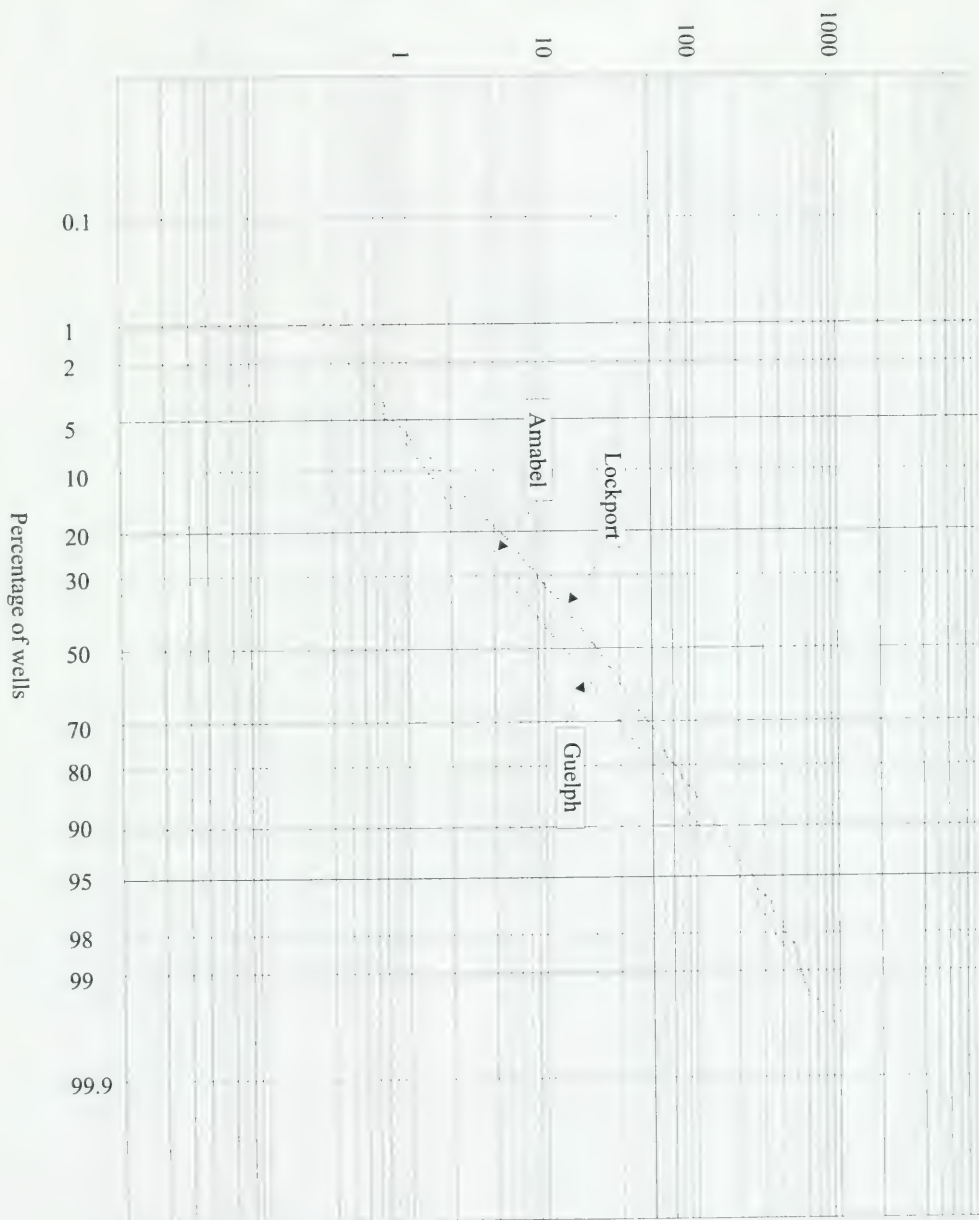


Figure A9. Transmissivity-probability graphs for wells completed in the Amabel, Lockport and Guelph Formations.

Transmissivity in square metres per day

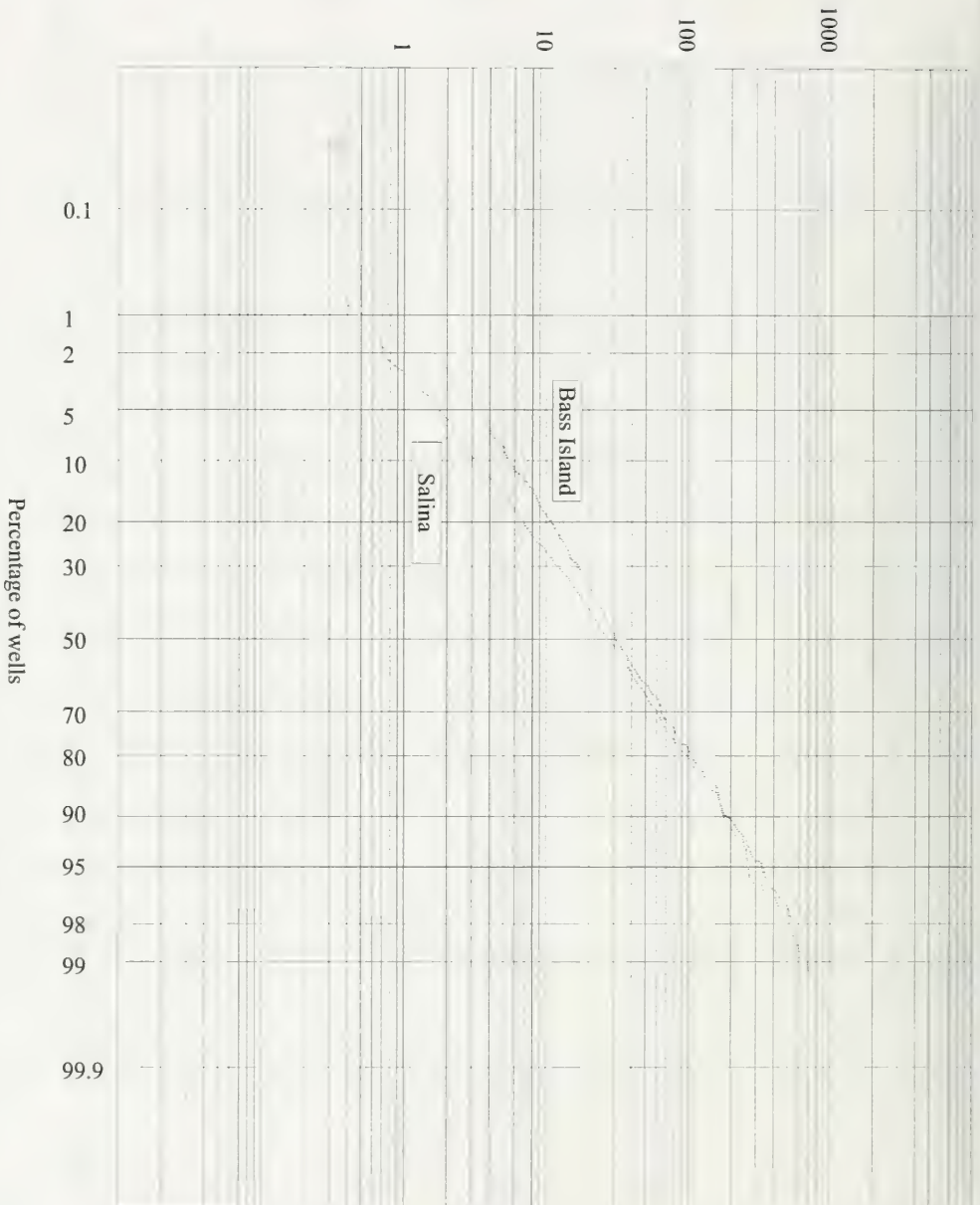


Figure A10. Transmissivity-probability graphs for wells completed in the Salina and Bass Island hydrogeologic units.

Transmissivity in square metres per day

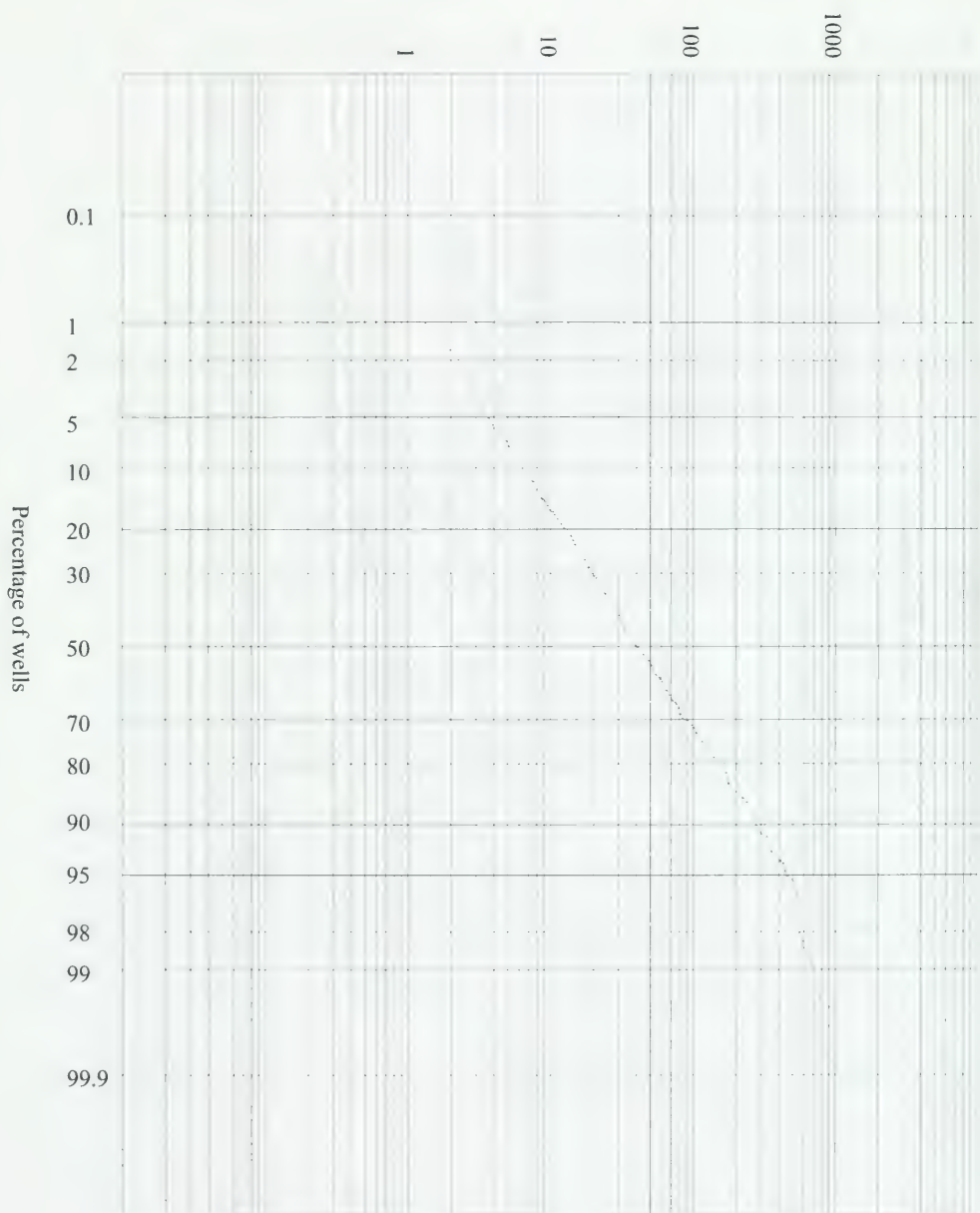


Figure A11. Transmissivity-probability graph for wells completed in the Bois Blanc hydrogeologic unit.

Transmissivity in square metres per day

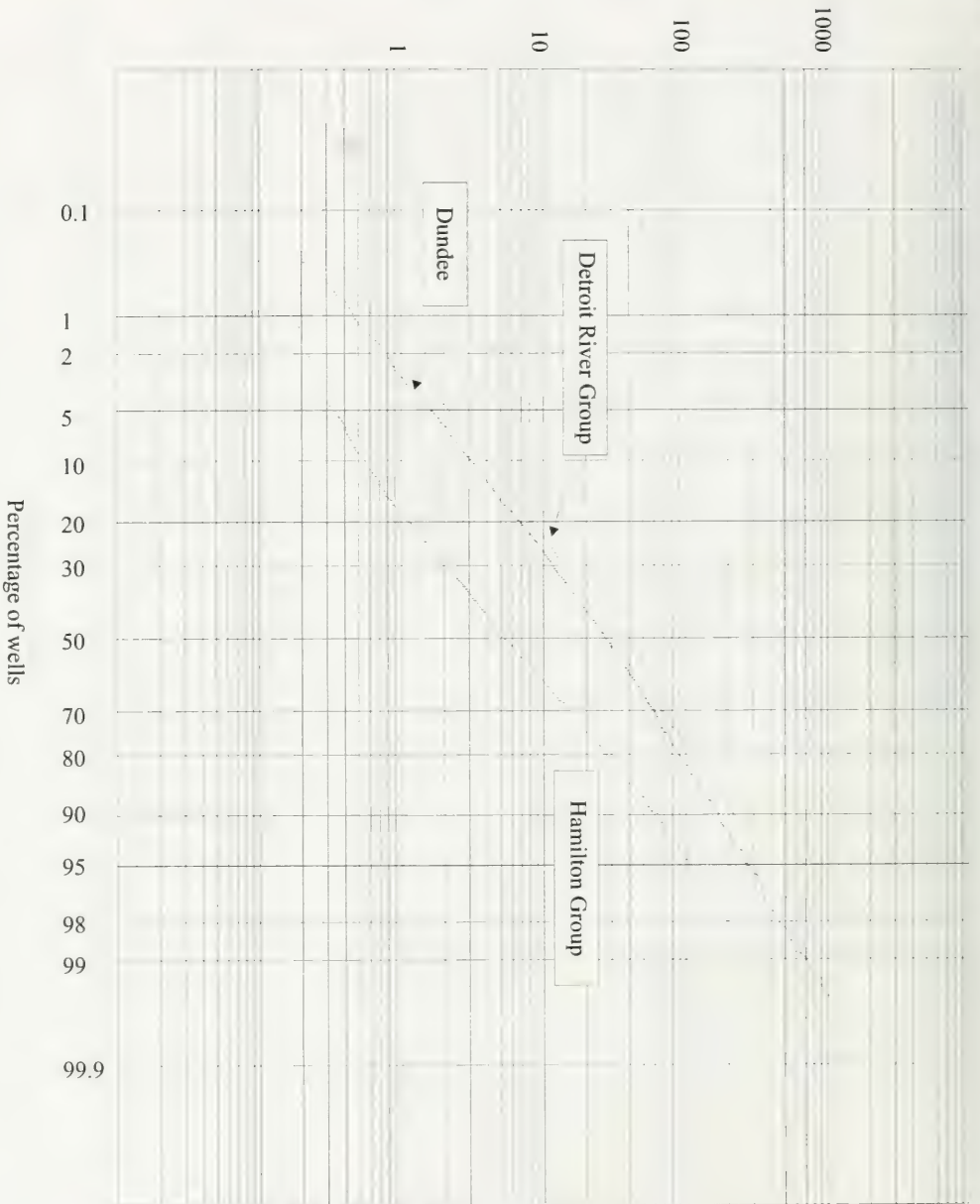


Figure A12. Transmissivity-probability graphs for wells completed in the Detroit River Group, Dundee and Hamilton Group hydrogeologic units.

Transmissivity in square metres per day

1 10 100 1000

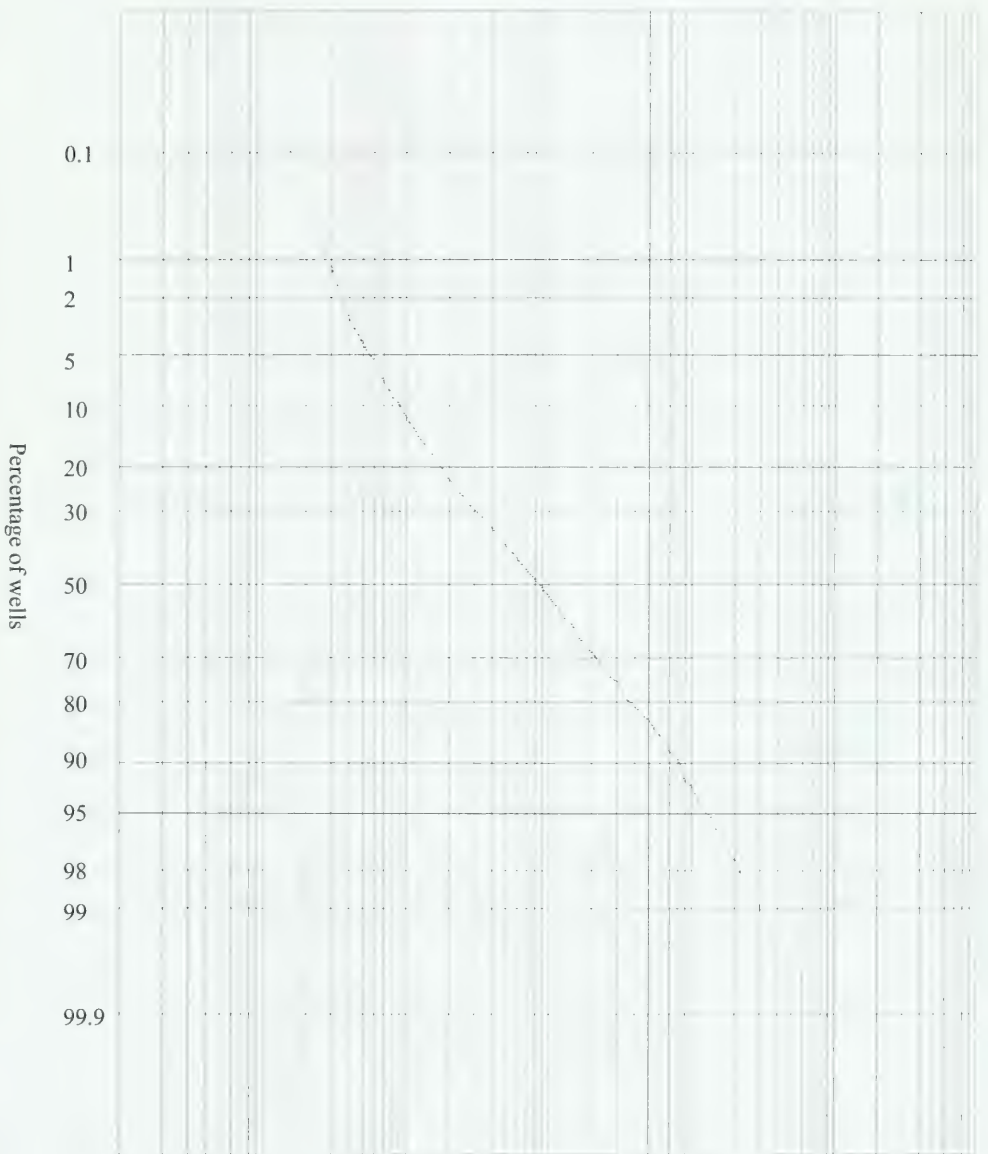


Figure A13. Transmissivity-probability graph for wells completed in the Kettle Point hydrogeologic unit.

Specific Capacity in Litres per minute per metre

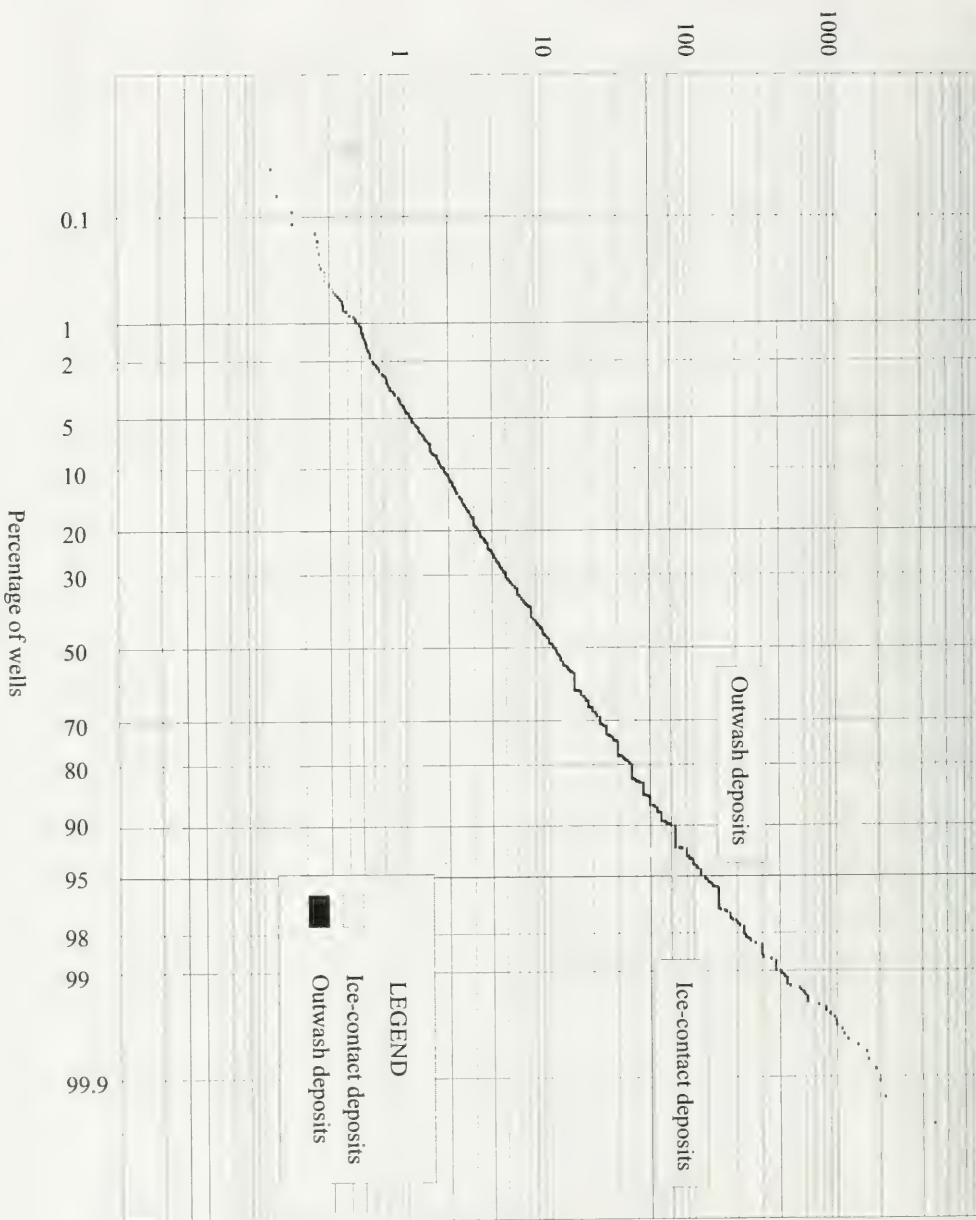


Figure A14. Specific Capacity-probability graphs for wells completed in glaciofluvial deposits.



Specific Capacity in Litres per minute per metre

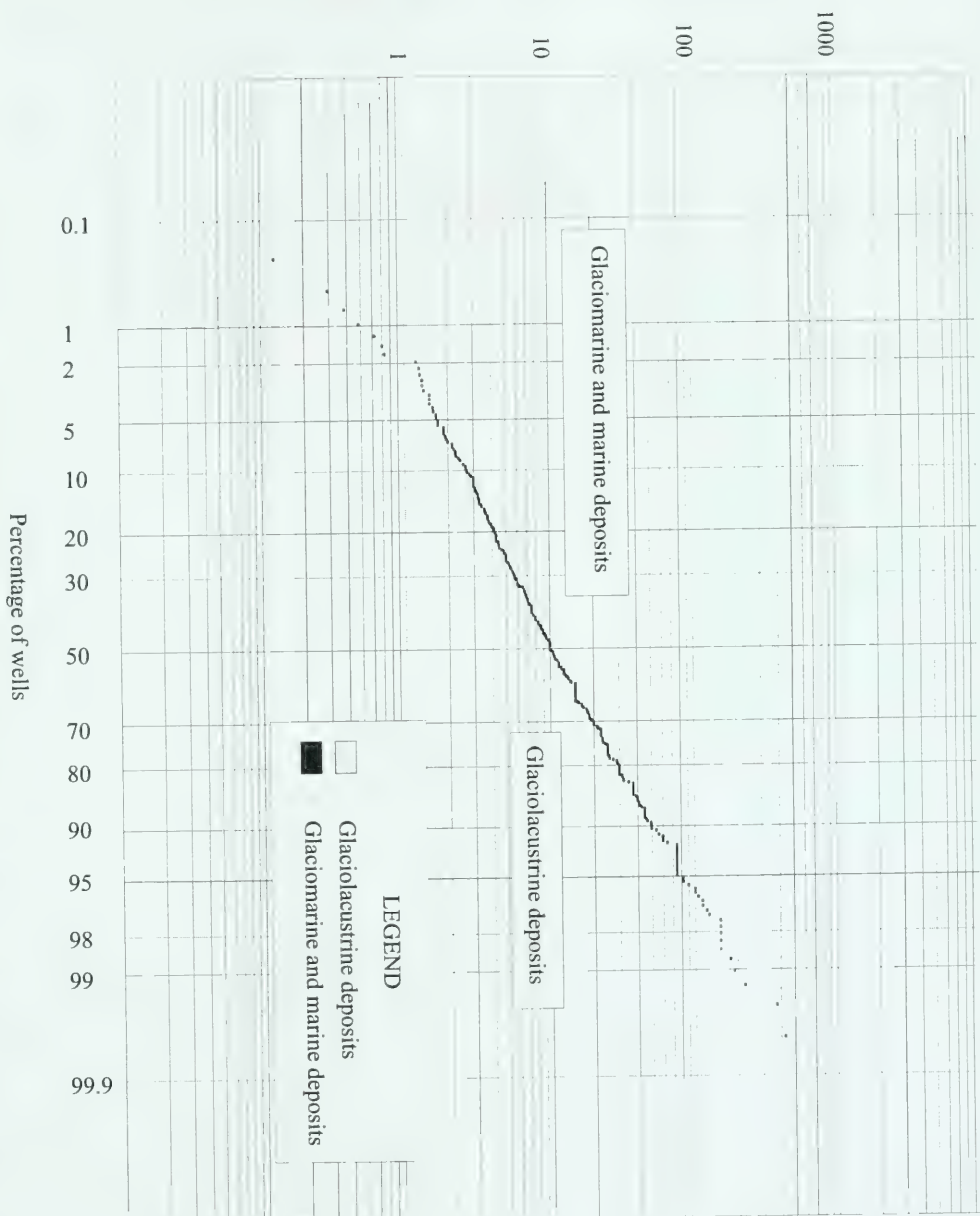
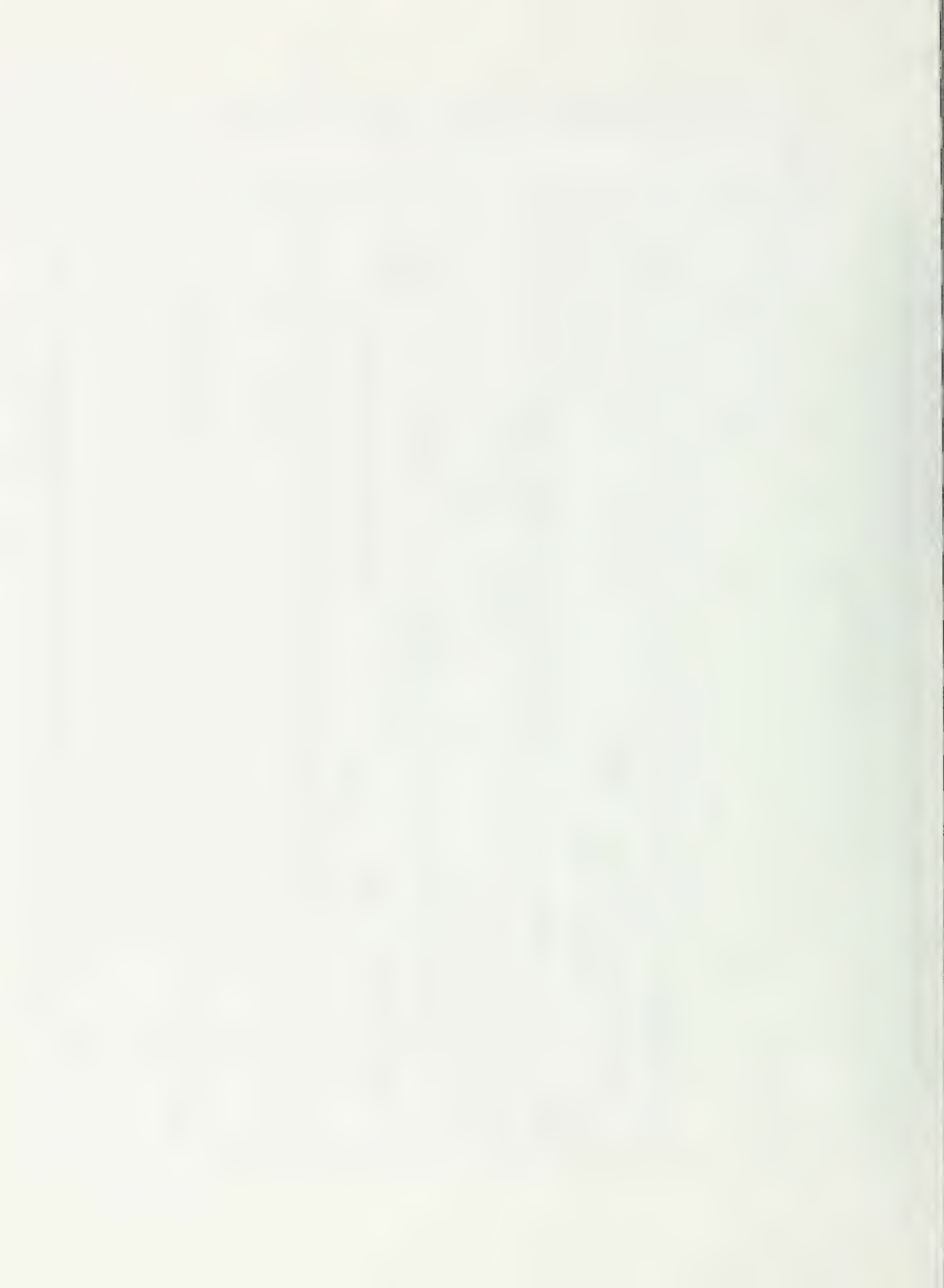


Figure A15. Specific Capacity-probability graphs for wells completed in sands and gravels of glaciolacustrine, glaciomarine and marine origin.



**APPENDIX III**

**WATER QUALITY DATA**

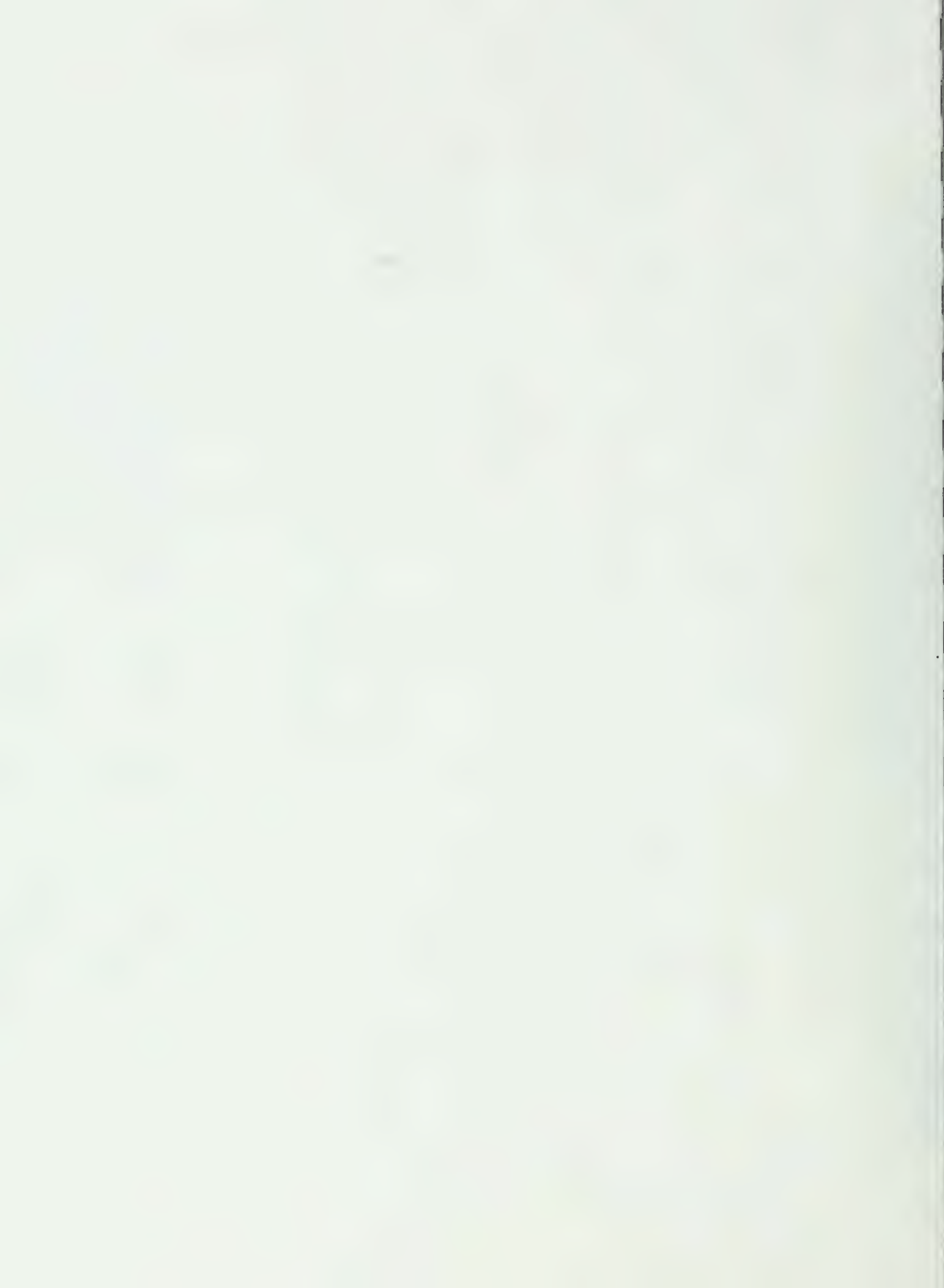
**FOR**

**BEDROCK WELLS**



## Hydrogeologic Unit

1.	Precambrian	III - 2
2.	Nepean-March-Oxford	III - 4
3.	Rockcliffe	III - 7
4.	Ottawa Group	III - 8
5.	Simcoe Group	III - 12
6.	Billings-Carlsbad-Queenston (eastern Ontario)	III - 16
7.	Blue Mountain-Georgian Bay	III - 18
8.	Queenston (central Ontario)	III - 20
9.	Clinton-Cataract Groups	III - 22
10.	Amabel	III - 23
11.	Guelph	III - 31
12.	Salina	III - 35
13.	Bass Island	III - 41
14.	Bois Blanc	III - 43
15.	Detroit River Group	III - 45
16.	Dundee	III - 53
17.	Hamilton Group	III - 61
18.	Kettle Point	III - 63





## 1. Precambrian hydrogeologic unit (A)

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca) (mg)	MAGNE- SIUM (Mg)	SODIUM (Na) (K)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
252	FRONTENAC	-	-	-	21/4/82	-	-	-	-	-	-	37.0	3.60
1104	HASTINGS	-	-	-	2/3/82	-	-	18.0	-	-	-	19.0	0.26
5632	HASTINGS	-	-	-	2/3/77	51.0	30.0	26.0	-	-	-	28.0	-
-	PRINCE EDWARD	309500	4982450	18	14/8/84	43.0	10.0	123.0	-	-	-	77.0	<0.02
3958	SIMCOE	-	-	-	16/7/63	-	-	-	-	-	635.0	149.0	0.30
4017	SIMCOE	-	-	-	24/08/77	109.0	19.0	16.0	1.0	-	58.0	52.0	1.00
9716	SIMCOE	-	-	-	11/2/95	32.5	11.3	35.1	2.4	-	53.7	5.8	0.10
17207	SIMCOE	-	-	-	11/2/95	99.2	22.3	24.9	2.6	-	9.8	62.7	1.55
					# of samples	5	5	6	3	-	4	8	7
					mean	66.9	18.5	40.5	2.0	-	189.1	53.8	0.98
					minimum	32.5	10.0	16.0	1.0	-	9.8	5.8	<0.02
					maximum	109.0	30.0	123.0	2.6	-	635.0	149.0	3.60

## 1. Precambrian hydrogeologic unit (B)

MCEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
252	FRONTENAC	-	-	-	21/4/82	0.15	130.0	120.0	550.0	-	-	-
1104	HASTINGS	-	-	-	2/3/82	<0.05	116.0	112.0	315.0	-	7.60	-
5632	HASTINGS	-	-	-	2/3/77	0.05	214.0	250.0	600.0	-	7.70	-
-	PRINE EDWARD	309500	4982450	18	14/8/84	0.30	295.0	150.0	860.0	-	7.70	-
3958	SIMCOE	-	-	-	16/7/63	0.18	236.0	550.0	-	-	7.90	1.60
4017	SIMCOE	-	-	-	24/08/77	0.10	254.0	350.0	705.0	514.0	7.30	-
9716	SIMCOE	-	-	-	11/2/95	0.43	160.0	128.0	401.0	261.0	8.39	-
17207	SIMCOE	-	-	-	11/2/95	57.00	304.0	340.0	711.0	462.0	8.30	-
					# of samples	8	8	8	7	3	7	1
					mean	7.28	213.6	250.0	591.7	412.3	7.84	1.60
					minimum	<0.05	116.0	112.0	315.0	261.0	7.30	1.60
					maximum	57.00	304.0	550.0	860.0	514.0	8.39	1.60

2. Nepean-March-Oxford hydrogeologic unit (A) Page 1 of 3

WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE-SIUM (Mg)	SODIUM (Na)	POTAS-SIUM (K)	BICARBONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
1967	DUNDAS	-	-	-	-/6/76	25.0	12.0	56.0	6.7	226.0	39.0	6.0	<0.10
-	DUNDAS	472000	4969000	18	-/5/76	58.0	36.0	9.0	3.7	293.0	52.0	12.0	0.20
-	DUNDAS	474200	4967800	18	-/5/76	42.0	32.0	22.0	4.8	299.0	29.0	9.0	0.10
-	DUNDAS	474000	4971000	18	-/5/76	69.0	29.0	3.0	55.0	319.0	57.0	9.0	7.68
532	GRENVILLE	-	-	-	14/12/78	-	-	7.2	1.7	-	-	11.0	0.02
1496	GRENVILLE	-	-	-	-/5/76	70.0	38.0	9.0	1.7	299.0	33.0	30.0	7.88
1810	GRENVILLE	-	-	-	-/5/76	102.0	41.0	5.0	0.4	201.0	80.0	34.0	40.00
2327	GRENVILLE	-	-	-	-/5/76	78.0	33.0	4.0	9.2	245.0	25.3	11.0	35.00
2527	GRENVILLE	-	-	-	-/5/76	66.0	31.0	3.0	0.4	294.0	18.3	15.3	3.60
2570	GRENVILLE	-	-	-	-/5/76	104.0	53.0	19.0	80.0	490.0	88.0	40.0	16.00
2619	GRENVILLE	-	-	-	-/5/76	54.0	24.0	2.0	1.1	246.0	16.0	7.0	1.60
2797	GRENVILLE	-	-	-	-/5/76	69.0	27.0	6.0	1.5	322.0	15.0	4.0	0.10
3155	GRENVILLE	-	-	-	26/2/81	91.0	23.0	3.4	-	-	-	3.0	<0.02
-	GRENVILLE	459150	4974950	18	-/5/76	110.0	51.0	38.0	10.0	383.0	110.0	88.0	3.90
-	GRENVILLE	452300	4984400	18	-/5/76	45.0	29.0	4.0	5.1	563.0	32.0	9.3	<0.10
-	GRENVILLE	455250	4983900	18	-/5/76	54.0	26.0	3.0	2.0	229.0	46.0	4.0	<0.10
-	GRENVILLE	455550	4972000	18	-/5/76	45.0	28.0	22.0	6.1	956.0	30.0	17.0	0.10
-	GRENVILLE	453750	4962450	18	-/5/76	72.0	38.0	7.0	3.8	290.0	63.0	24.0	<0.10
-	GRENVILLE	452850	4964450	18	-/5/76	152.0	119.0	50.0	170.0	847.0	170.0	188.0	8.98
-	GRENVILLE	453750	4966350	18	-/5/76	45.0	32.0	3.0	1.5	245.0	37.0	3.0	0.10
-	GRENVILLE	448900	4959100	18	-/5/76	70.0	19.0	35.0	5.3	216.0	25.0	85.0	1.80
-	GRENVILLE	453250	4964950	18	-/5/76	60.0	25.0	<1.0	13.0	282.0	15.3	6.0	2.00
3784	LANARK	-	-	-	6/6/80	-	-	30.0	1.1	-	-	10.0	<0.02
4257	LANARK	-	-	-	7/9/76	-	-	-	-	-	-	54.0	5.00
-	LEEDS	419725	4947975	18	5/11/76	58.0	31.0	5.6	8.5	-	28.0	16.0	0.46
-	LEEDS	409100	4944700	18	1/22/75	102.0	23.3	138.0	2.2	-	30.0	272.0	6.80

2. Nepean-March-Oxford hydrogeologic unit (B) Page 2 of 3

HOE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	PH (no units)	FLUORIDE (F)
1967	DUNDAS	-	-	-	-/6/76	6.90	185.0	112.0	435.0	283.0	8.20	-
-	DUNDAS	472000	4969000	18	-/5/76	0.15	240.0	294.0	550.0	342.0	7.60	-
-	DUNDAS	474200	4967800	18	-/5/76	0.20	245.0	240.0	500.0	304.0	7.70	-
-	DUNDAS	474000	4971000	18	-/5/76	0.05	262.0	292.0	660.0	418.0	7.80	-
532	GRENVILLE	-	-	-	14/12/78	0.25	228.0	280.0	520.0	-	7.30	-
1496	GRENVILLE	-	-	-	-/5/76	<0.05	245.0	332.0	620.0	394.0	7.60	-
1810	GRENVILLE	-	-	-	-/5/76	<0.05	165.0	424.0	820.0	614.0	7.70	-
2327	GRENVILLE	-	-	-	-/5/76	<0.05	201.0	332.0	660.0	404.0	7.80	-
2527	GRENVILLE	-	-	-	-/5/76	<0.05	241.0	292.0	530.0	340.0	7.70	-
2570	GRENVILLE	-	-	-	-/5/76	0.05	402.0	276.0	1120.0	712.0	7.40	-
2619	GRENVILLE	-	-	-	-/5/76	<0.05	202.0	236.0	420.0	273.0	7.80	-
2797	GRENVILLE	-	-	-	-/5/76	0.55	264.0	284.0	510.0	352.0	7.70	-
3155	GRENVILLE	-	-	-	26/2/81	0.05	280.0	322.0	580.0	-	7.30	-
-	GRENVILLE	459150	4974950	18	-/5/76	0.05	314.0	484.0	1030.0	652.0	7.50	-
-	GRENVILLE	452300	4954400	18	-/5/76	15.00	462.0	230.0	430.0	-	7.80	-
-	GRENVILLE	455250	4983900	18	-/5/76	0.10	188.0	242.0	440.0	286.0	7.90	-
-	GRENVILLE	455550	4972000	18	-/5/76	0.20	216.0	228.0	500.0	282.0	7.70	-
-	GRENVILLE	453750	4962450	18	-/5/76	0.50	238.0	336.0	620.0	392.0	7.70	-
-	GRENVILLE	452850	4964450	18	-/5/76	0.05	695.0	870.0	2050.0	1383.0	7.30	-
-	GRENVILLE	453750	4963350	18	-/5/76	0.05	201.0	242.0	435.0	283.0	7.90	-
-	GRENVILLE	448900	4959100	18	-/5/76	<0.05	177.0	256.0	650.0	384.0	7.70	-
-	GRENVILLE	455250	4964950	18	-/5/76	0.10	231.0	252.0	470.0	268.0	7.70	-
3784	LANARK	-	-	-	6/6/80	0.05	121.0	92.0	310.0	-	8.40	-
4257	LANARK	-	-	-	7/9/76	<0.05	400.0	490.0	945.0	-	7.00	-
-	LEEDS	419725	4947975	18	5/11/76	0.65	302.0	330.0	600.0	-	7.30	-
-	LEEDS	409100	4944700	18	1/22/75	<0.05	248.0	352.0	1395.0	-	7.70	-

# 2. Nepean-March-Oxford hydrogeologic unit (A,B) Page 3 of 3

III-6

NOSE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> ) as N
-	LEEDS	447200	4939300	18	9/4/80	102.0	27.0	14.0	-	-	-	40.0	2.10
14258	OTTAWA-CARLETON	-	-	-	-/7/76	66.0	29.0	81.0	15.0	327.0	92.0	79.0	0.60
-	OTTAWA-CARLETON	465700	5005000	18	-/7/76	80.0	36.0	7.0	3.4	295.0	120.0	5.0	<0.10
-	OTTAWA-CARLETON	463200	5008600	18	-/6/76	71.0	39.0	13.0	7.0	324.0	61.0	35.0	0.50
-	OTTAWA-CARLETON	459200	4998200	18	-/7/76	62.0	34.0	5.0	6.1	312.0	45.0	4.0	<0.10
-	OTTAWA-CARLETON	454200	5016000	18	-/7/76	125.0	64.0	86.0	16.0	349.0	180.0	206.0	0.20
-	OTTAWA-CARLETON	456500	5005000	18	-/7/76	76.0	17.0	10.0	1.4	285.0	24.0	17.0	<0.10
					# of samples	30	30	32	30	26	28	33	33
					mean	74.1	34.9	21.9	14.8	351.4	55.7	41.0	4.40
					minimum	25.0	12.0	<1.0	0.4	201.0	15.0	3.0	<0.02
					maximum	152.0	119.0	138.0	170.0	956.0	180.0	272.0	40.00

NOSE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLUORIDE (F)
-	LEEDS	447200	4939300	18	9/4/80	0.05	260.0	368.0	690.0	-	7.60	-
14258	OTTAWA-CARLETON	-	-	-	-/7/76	0.15	268.0	284.0	910.0	574.0	7.60	-
-	OTTAWA-CARLETON	465700	5005000	18	-/7/76	0.60	242.0	348.0	640.0	480.0	7.80	-
-	OTTAWA-CARLETON	463200	5008600	18	-/6/76	12.00	226.0	338.0	665.0	522.0	7.80	-
-	OTTAWA-CARLETON	459200	4998200	18	-/7/76	0.35	256.0	292.0	545.0	370.0	7.70	-
-	OTTAWA-CARLETON	454200	5016000	18	-/7/76	0.20	286.0	576.0	1360.0	1062.0	7.30	-
-	OTTAWA-CARLETON	456500	5005000	18	-/7/76	5.00	234.0	260.0	520.0	336.0	7.50	-
					# of samples	33	33	33	33	25	33	0
					mean	1.32	264.4	320.8	700.9	468.3	7.65	-
					minimum	<0.05	121.0	92.0	310.0	268.0	7.00	-
					maximum	15.00	695.0	870.0	2050.0	1380.0	8.40	-

## 3. Rockcliffe hydrogeologic unit (A,B)

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
--	DUNDAS	469800	4992000	18	-/5/76	42.0	28.0	21.0	7.1	189.0	34.0	63.0	0.20

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
-	DUNDAS	469800	4992000	18	-/5/76	0.05	155.0	220.0	520.0	304.0	8.30	-



## 4. Ottawa Group hydrogeologic unit (A) Page 1 of 4

HOSE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
-	DUNDAS	480700	4993850	18	23/8/79	74.0	30.0	58.0	4.4	-	73.0	76.0	0.02
3299	FRONTENAC	-	-	-	-/8/73	117.0	20.0	39.0	5.5	333.0	110.0	73.0	2.10
3364	FRONTENAC	-	-	-	-/8/73	86.0	35.0	78.0	1.0	306.0	170.0	58.0	0.40
3386	FRONTENAC	-	-	-	-/8/73	131.0	41.0	64.0	8.0	226.0	60.0	80.0	1.70
3396	FRONTENAC	-	-	-	-/8/73	149.0	26.0	40.0	2.0	273.0	41.0	104.0	0.10
3480	FRONTENAC	-	-	-	-/8/73	98.0	20.0	37.0	1.9	321.0	29.0	70.0	1.50
3551	FRONTENAC	-	-	-	-/8/73	92.0	24.0	8.0	2.0	340.0	39.0	20.0	1.10
3561	FRONTENAC	-	-	-	-/8/73	66.0	20.0	69.0	4.5	311.0	57.0	57.0	0.10
3592	FRONTENAC	-	-	-	-/8/73	125.0	30.0	56.0	4.1	439.0	55.0	104.0	0.10
3609	FRONTENAC	-	-	-	-/8/73	27.0	8.0	276.0	5.2	340.0	58.0	191.0	0.10
4664	FRONTENAC	-	-	-	-/8/73	9.0	2.0	282.0	3.2	271.0	150.0	158.0	0.10
4948	FRONTENAC	-	-	-	-/8/73	66.0	20.0	69.0	4.5	336.0	100.0	145.0	5.60
6129	FRONTENAC	-	-	-	-/8/73	106.0	16.0	8.0	1.7	311.0	38.0	30.0	3.60
8262	FRONTENAC	-	-	-	-/8/73	88.0	35.0	78.0	1.0	312.0	50.0	47.0	0.50
8293	HASTINGS	291000	4897000	18	10/6/87	117.8	11.8	12.2	4.2	-	32.0	26.3	6.50
-	HASTINGS	291000	4897000	18	15/7/87	105.0	12.4	36.8	2.0	-	25.3	82.6	8.50
723	LEEDS	-	-	-	6/11/80	112.0	17.0	63.0	-	-	-	120.0	0.08
-	LEEDS	439470	4931150	18	3/5/85	76.0	13.0	35.5	-	-	50.0	64.0	<0.02
1186	LENNOX & ADDINGTON	-	-	-	10/18/73	72.0	16.0	15.0	2.9	271.0	38.0	19.0	0.02
2512	LENNOX & ADDINGTON	-	-	-	10/18/73	81.0	16.0	55.0	4.0	301.0	51.0	71.0	0.10
2879	LENNOX & ADDINGTON	-	-	-	10/18/73	65.0	25.0	14.0	1.9	292.0	50.0	7.0	0.10
-	OTTAWA-CARLETON	452200	5019200	18	-/5/76	32.0	17.0	53.0	4.2	224.0	31.0	31.0	0.30
68	PRESCOTT	-	-	-	-/8/76	98.0	9.0	6.0	2.4	293.0	26.0	10.0	2.20
384	PRESCOTT	-	-	-	-/8/76	19.0	9.0	250.0	5.3	562.0	88.0	52.8	<0.10
412	PRESCOTT	-	-	-	-/8/76	10.0	3.0	310.0	7.9	598.0	7.0	131.0	<0.10
1603	PRESCOTT	-	-	-	19/6/81	-	-	1310.0	-	-	33.0	1850.0	<0.02

## 4. Ottawa Group hydrogeologic unit (A) Page 2 of 4

HOSE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
-	PRESCOTT	493000	5045950	18	-/8/76	13.0	20.0	840.0	16.0	1133.0	11.0	700.0	<0.10
-	PRESCOTT	500100	5027050	18	-/6/76	30.0	30.0	110.0	14.0	415.0	8.0	69.0	<0.10
-	PRESCOTT	503100	5023000	18	-/6/76	18.0	15.0	180.0	7.7	500.0	17.0	53.0	<0.10
-	PRESCOTT	504000	5025000	18	-/6/76	78.0	40.0	96.0	2.5	499.0	56.0	69.0	0.30
-	PRESCOTT	506000	5028000	18	-/6/76	40.0	38.0	550.0	22.0	451.0	4.0	802.0	<0.10
5	PRINE EDWARD	-	-	-	25/8/82	164.0	29.0	87.0	-	-	435.0	198.0	<0.02
177	PRINE EDWARD	-	-	-	24/7/81	80.0	38.0	61.0	-	-	64.0	40.0	0.03
3096	PRINE EDWARD	-	-	-	12/12/85	77.0	24.0	5.0	2.0	-	-	5.0	1.90
3573	PRINE EDWARD	-	-	-	5/10/78	108.0	3.8	3.6	-	-	15.0	8.3	3.60
-	RUSSELL	485050	5036750	18	-/7/76	30.0	34.0	73.0	10.0	436.0	4.0	8.0	<0.10
-	RUSSELL	488000	5015200	18	-/6/76	16.0	34.0	1070.0	27.0	-	9.0	1101.0	<0.10
-	RUSSELL	495500	5018500	18	-/6/76	48.0	48.0	70.0	13.0	489.0	25.0	31.0	<0.10
-	RUSSELL	486800	5036000	18	-/8/76	55.0	25.0	26.0	5.3	368.0	3.0	4.0	0.20
					# of samples	38	38	39	33	28	37	39	39
					mean	73.1	22.5	166.5	6.2	391.1	57.0	173.5	1.05
					minimum	9.0	2.0	3.8	1.0	224.0	3.0	4.0	<0.02
					maximum	164.0	48.0	1310.0	27.0	1133.0	435.0	1850.0	8.00

## 4. Ottawa Group hydrogeologic unit (B) Page 3 of 4

HOE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	PH (no units)	FLOURIDE (F)
-	DUNDAS	480700	4993850	18	23/8/79	0.70	266.0	306.0	840.0	-	7.40	0.31
3299	FRONTENAC	-	-	-	-/8/73	0.05	273.0	376.0	910.0	550.0	7.50	-
3364	FRONTENAC	-	-	-	-/8/73	0.45	271.0	360.0	980.0	650.0	7.70	-
3386	FRONTENAC	-	-	-	-/8/73	0.20	448.0	496.0	1140.0	680.0	7.20	-
3396	FRONTENAC	-	-	-	-/8/73	1.10	372.0	480.0	1040.0	730.0	7.30	-
3480	FRONTENAC	-	-	-	-/8/73	<0.05	275.0	328.0	780.0	470.0	7.60	-
3551	FRONTENAC	-	-	-	-/8/73	<0.05	279.0	328.0	630.0	390.0	7.80	-
3561	FRONTENAC	-	-	-	-/8/73	0.25	255.0	246.0	750.0	460.0	7.80	-
3592	FRONTENAC	-	-	-	-/8/73	0.30	360.0	436.0	1050.0	660.0	7.50	-
3609	FRONTENAC	-	-	-	-/8/73	0.10	385.0	102.0	1410.0	800.0	7.80	-
4664	FRONTENAC	-	-	-	-/8/73	<0.05	246.0	30.0	1300.0	800.0	8.70	-
4948	FRONTENAC	-	-	-	-/8/73	0.15	360.0	484.0	1300.0	820.0	7.40	-
6129	FRONTENAC	-	-	-	-/8/73	0.45	255.0	328.0	640.0	400.0	7.50	-
8262	FRONTENAC	-	-	-	-/8/73	0.05	289.0	336.0	780.0	460.0	7.50	-
8293	HASTINGS	-	-	-	10/6/87	<0.05	259.9	342.7	661.0	-	8.01	-
-	HASTINGS	291000	4897000	18	15/7/87	<0.05	245.0	312.0	785.0	-	7.78	-
723	LEEDS	-	-	-	6/11/80	0.30	252.0	350.0	920.0	-	7.30	-
-	LEEDS	439470	4931150	18	3/5/85	0.35	190.0	244.0	630.0	-	7.80	-
1186	LENNOX & ADDINGTON	-	-	-	10/18/73	1.00	222.0	246.0	530.0	340.0	7.70	-
2512	LENNOX & ADDINGTON	-	-	-	10/18/73	0.25	247.0	270.0	840.0	620.0	7.60	-
2879	LENNOX & ADDINGTON	-	-	-	10/18/73	0.90	239.0	266.0	550.0	340.0	7.60	-
-	OTTAWA-CARLETON	452200	5019200	18	-/5/76	1.10	184.0	150.0	500.0	276.0	8.10	-
68	PRESCOTT	-	-	-	-/8/76	<0.05	240.0	284.0	505.0	328.0	7.10	-
384	PRESCOTT	-	-	-	-/8/76	0.05	461.0	84.0	1070.0	744.0	8.00	-
412	PRESCOTT	-	-	-	-/8/76	0.10	521.0	39.0	1250.0	834.0	8.40	-
1603	PRESCOTT	-	-	-	19/6/81	0.40	826.0	162.0	6800.0	-	8.00	-

## 4. Ottawa Group hydrogeologic unit (B) Page 4 of 4

NOE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (P#)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	PH (no units)	FLOURIDE (F)
-	PRESCOTT	493000	5045950	18	-/8/76	1.00	951.0	116.0	3400.0	2210.0	8.30	-
-	PRESCOTT	500100	5022050	18	-/6/76	0.10	340.0	200.0	800.0	538.0	7.90	-
-	PRESCOTT	503100	5023000	18	-/6/76	0.10	410.0	104.0	890.0	600.0	8.10	-
-	PRESCOTT	504000	5025000	18	-/6/76	2.40	409.0	360.0	990.0	638.0	7.20	-
-	PRESCOTT	506000	5028000	18	-/6/76	0.50	370.0	256.0	2970.0	1762.0	7.80	-
5	PRINE EDWARD	-	-	-	25/8/82	7.50	172.0	530.0	1440.0	-	6.40	-
177	PRINE EDWARD	-	-	-	24/7/81	0.20	376.0	356.0	860.0	-	7.30	-
3096	PRINE EDWARD	-	-	-	12/12/85	0.10	244.0	293.0	560.0	-	7.60	-
3573	PRINE EDWARD	-	-	-	5/10/78	-	252.0	286.0	540.0	-	7.20	-
-	RUSSELL	485050	5036750	18	-/7/76	0.05	357.0	216.0	620.0	400.0	7.80	-
-	RUSSELL	488000	5015200	18	-/6/76	0.35	1010.0	180.0	4620.0	2874.0	8.30	-
-	RUSSELL	495500	5018500	18	-/6/76	1.20	401.0	316.0	810.0	532.0	7.70	-
-	RUSSELL	486800	5036000	18	-/8/76	0.20	302.0	240.0	520.0	348.0	7.50	-
					# of samples	38	39	39	39	29	39	1
					mean	0.59	354.2	277.9	1220.8	732.9	7.67	0.31
					minimum	<0.05	172.0	30.0	500.0	276.0	6.40	0.31
					maximum	7.50	1010.0	530.0	6800.0	2874.0	8.70	0.31

# 5. Simcoe Group hydrogeologic unit (A) Page 1 of 4

III-12

MOE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca) (mg)	MAGNE- SIUM (Mg)	SODIUM (Na) (g)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
227	DURHAM	-	-	-	16/7/81	224.0	39.0	245.0	5.0	558.0	9.0	498.0	0.10
764	DURHAM	-	-	-	13/7/81	42.0	21.0	35.5	1.2	160.0	9.0	66.0	6.10
5412	DURHAM	-	-	-	16/7/81	62.0	27.0	205.0	10.0	385.0	18.0	232.0	0.10
6100	DURHAM	-	-	-	15/7/81	53.0	18.0	9.0	1.1	204.0	8.0	7.0	0.10
7237	DURHAM	-	-	-	26/6/74	93.0	27.0	10.0	2.2	298.0	24.0	19.0	<0.10
422	SIMCOE	-	-	-	14/2/65	-	-	-	-	-	87.0	4.0	-
2774	SIMCOE	-	-	-	-/01/71	-	-	-	-	-	-	189.0	1.20
2818	SIMCOE	-	-	-	-/01/71	-	-	-	-	-	-	249.0	4.00
4018	SIMCOE	-	-	-	24/08/77	74.0	17.0	4.0	1.7	-	21.0	12.0	3.30
4232	SIMCOE	-	-	-	14/6/65	-	-	-	-	-	-	88.0	-
5366	SIMCOE	-	-	-	26/6/80	369.0	29.0	1090.0	8.8	51.0	1950.0	847.0	<0.10
6956	SIMCOE	-	-	-	24/8/77	123.0	36.0	43.0	1.5	-	39.0	100.0	<0.10
8153	SIMCOE	-	-	-	24/8/77	2.0	6.0	160.0	2.0	-	42.0	81.0	0.10
8294	SIMCOE	-	-	-	24/8/77	106.0	42.0	34.0	3.1	-	37.5	90.0	<3.10
8480	SIMCOE	-	-	-	24/8/77	29.0	21.0	19.0	0.9	-	76.0	4.0	<0.10
9263	SIMCOE	-	-	-	12/5/76	14.0	8.0	41.0	0.9	-	16.0	15.0	<0.10
10017	SIMCOE	-	-	-	20/6/79	37.0	27.0	21.0	2.5	208.0	3.0	23.0	<0.10
10083	SIMCOE	-	-	-	24/8/77	42.0	64.0	350.0	3.1	-	600.0	307.0	<0.10
10524	SIMCOE	-	-	-	20/6/79	136.0	50.0	110.0	9.5	342.0	46.0	252.0	1.90
13843	SIMCOE	-	-	-	27/6/80	116.0	17.0	6.0	2.0	276.0	63.0	10.0	<0.10
22983	SIMCOE	-	-	-	3/2/95	92.7	18.8	29.1	2.4	-	22.4	58.2	0.30
23511	SIMCOE	-	-	-	3/2/95	33.6	18.2	148.0	3.4	-	381.0	12.8	0.25
23516	SIMCOE	-	-	-	3/2/95	111.0	30.4	101.0	3.8	-	78.3	200.0	<0.05
24168	SIMCOE	-	-	-	3/2/95	77.4	23.3	30.5	2.2	-	75.3	26.8	<0.05
24393	SIMCOE	-	-	-	11/2/95	46.2	19.4	209.0	4.6	-	555.0	8.8	<0.05
25508	SIMCOE	-	-	-	-/7/91	71.5	17.7	36.0	3.2	-	86.8	53.9	<0.03



## 5. Simcoe Group hydrogeologic unit (A) Page 2 of 4

NOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
26389	SIMCOE	-	-	-	11/2/95	69.5	17.5	80.3	2.4	-	25.2	103.0	2.30
29439	SIMCOE	-	-	-	3/2/95	25.1	14.1	14.4	1.4	-	45.3	0.5	<0.05
29633	SIMCOE	-	-	-	3/2/95	81.4	28.1	167.0	3.6	-	235.0	141.0	0.10
30757	SIMCOE	-	-	-	3/2/95	42.0	17.1	5.5	1.9	-	16.0	0.8	<0.05
-	SIMCOE	584510	4562950	17	24/8/77	40.2	23.5	17.0	2.1	195.0	23.3	16.8	<0.10
-	SIMCOE	607120	4950990	17	-/4/93	70.5	17.2	34.2	2.4	-	81.0	52.4	<0.05
-	SIMCOE	607080	4950970	17	-/4/93	70.2	16.9	33.1	2.4	-	85.0	54.0	<0.05
2666	YORK	-	-	-	10/8/78	24.0	11.0	45.0	1.3	351.0	2.0	33.0	<0.10
4188	YORK	-	-	-	-/8/70	14.0	6.0	109.0	2.6	288.0	1.0	60.0	0.18
4861	YORK	-	-	-	24/6/77	21.0	11.0	66.0	1.5	124.0	1.0	100.0	<0.10
10334	YORK	-	-	-	10/8/78	90.0	19.0	36.0	1.7	290.0	35.0	56.0	0.50
12891	YORK	-	-	-	24/6/77	9.0	3.0	69.0	1.1	176.0	2.0	25.0	<0.10
					# of samples	34	34	34	34	15	35	38	36
					mean	73.9	22.4	106.3	2.9	259.1	137.1	107.9	0.45
					minimum	2.0	3.0	4.0	0.9	51.0	1.0	0.5	<0.03
					maximum	369.0	64.0	1090.0	10.0	558.0	1950.0	847.0	4.00



5. Simcoe Group hydrogeologic unit (B) Page 3 of 4

MOEE WELL #	COUNTY	UTH EASTING	UTH NORTHING	UTH ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no unite)	FLUORIDE (F)
227	DURHAM	-	-	-	16/7/81	8.00	558.0	720.0	2400.0	500.0	7.00	-
764	DURHAM	-	-	-	13/7/81	0.40	160.0	194.0	510.0	310.0	8.00	-
5412	DURHAM	-	-	-	16/7/81	2.70	385.0	266.0	1390.0	750.0	7.50	-
6100	DURHAM	-	-	-	15/7/81	1.80	204.0	204.0	395.0	-	8.00	-
7237	DURHAM	-	-	-	26/6/74	2.00	298.0	344.0	620.0	420.0	7.30	-
422	SIMCOE	-	-	-	14/2/65	1.90	233.0	312.0	-	-	7.40	-
2774	SIMCOE	-	-	-	-/01/71	0.15	248.0	304.0	-	390.0	7.40	-
2818	SIMCOE	-	-	-	-/01/71	0.10	270.0	440.0	-	820.0	7.20	-
4018	SIMCOE	-	-	-	24/08/77	0.05	220.0	257.0	487.0	345.0	7.60	-
4232	SIMCOE	-	-	-	14/6/65	26.00	658.0	422.0	-	-	7.43	0.10
5366	SIMCOE	-	-	-	26/6/80	0.12	51.0	1040.0	5550.0	4530.0	8.00	1.70
6956	SIMCOE	-	-	-	24/8/77	0.20	364.0	455.0	995.0	677.0	7.30	-
8153	SIMCOE	-	-	-	24/8/77	0.05	231.0	31.0	725.0	460.0	8.80	-
8294	SIMCOE	-	-	-	24/8/77	0.40	342.0	438.0	930.0	665	7.40	-
8480	SIMCOE	-	-	-	24/8/77	0.15	121.0	157.0	378.0	246.0	8.10	-
9263	SIMCOE	-	-	-	12/5/76	0.15	116.0	68.0	290.0	189.0	8.58	-
10017	SIMCOE	-	-	-	20/6/79	0.63	208.0	202.0	465.0	270.0	7.90	0.20
10083	SIMCOE	-	-	-	24/8/77	0.15	80.0	367.0	2220.0	1575.0	8.00	-
10524	SIMCOE	-	-	-	20/6/79	<0.05	342.0	536.0	2700.0	1250.0	7.50	0.10
13843	SIMCOE	-	-	-	27/6/80	3.00	276.0	358.0	620.0	440.0	7.40	<0.10
22983	SIMCOE	-	-	-	3/2/95	0.06	283.0	309.0	685.0	445.0	8.26	-
23511	SIMCOE	-	-	-	3/2/95	0.02	103.0	159.0	994.0	715.0	8.28	-
23516	SIMCOE	-	-	-	3/2/95	0.10	284.0	403.0	1190.0	764.0	8.05	-
24168	SIMCOE	-	-	-	3/2/95	0.02	248.0	289.0	636.0	413.0	8.23	-
24393	SIMCOE	-	-	-	11/2/95	0.32	99.6	195.0	1380.0	993.0	8.28	-
25508	SIMCOE	-	-	-	-/7/91	0.21	167.0	251.0	561.0	422	7.73	3.37

## 5. Simcoe Group hydrogeologic unit (B) Page 4 of 4

HOE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no unite)	FLOURIDE (F)
26389	SIMCOE	-	-	-	11/2/95	0.04	258.0	245.0	797.0	518.0	8.38	-
29439	SIMCOE	-	-	-	3/2/95	0.11	131.0	121.0	320.0	208.0	8.40	-
29633	SIMCOE	-	-	-	3/2/95	0.01	252.0	319.0	1360.0	814.0	8.26	-
30757	SIMCOE	-	-	-	3/2/95	0.27	186.0	175.0	348.0	226.0	8.36	-
-	SIMCOE	584510	4962950	17	24/8/77	0.30	196.0	197.0	459.0	263.0	7.89	0.40
-	SIMCOE	607120	4950990	17	-/4/93	0.20	157.0	247.0	705.0	-	7.90	-
-	SIMCOE	607080	4950970	17	-/4/93	0.16	166.0	245.0	715.0	-	8.00	0.10
2666	YORK	-	-	-	10/8/78	0.20	288.0	104.0	370.0	300.0	7.90	0.20
4198	YORK	-	-	-	-/8/70	0.80	220.0	57.0	639.0	380.0	8.30	-
4861	YORK	-	-	-	24/6/77	<0.10	102.0	96.0	505.0	284.0	8.50	0.30
10334	YORK	-	-	-	10/8/78	<0.50	156.0	304.0	660.0	535.0	7.70	0.10
12891	YORK	-	-	-	24/6/77	0.20	144.0	31.0	348.0	225.0	8.60	0.50
					# of samples	38	38	38	34	33	38	12
					mean	1.36	231.7	285.9	980.8	647.3	7.91	0.35
					minimum	0.01	51.0	31.0	290.0	189.0	7.00	<0.10
					maximum	26.00	658.0	1040.0	5550.0	4530.0	8.80	1.70

## 6. Billings-Carlsbad-Queenston hydrogeologic unit (eastern Ontario) (A) Page 1 of 2

NOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
14887	OTTAWA-CARLETON	459612	5016633	18	-/7/76	59.0	23.0	130.0	8.0	273.0	70.0	178.0	<0.10
15787	OTTAWA-CARLETON	465880	5012430	18	-/7/76	72.0	38.0	65.0	8.7	293.0	64.0	126.0	<0.10
-	OTTAWA-CARLETON	475250	5025000	18	-/6/76	24.0	11.0	41.0	11.0	232.0	3.0	9.0	<0.10
-	OTTAWA-CARLETON	465250	5013000	18	-/7/76	80.0	37.0	<1	0.8	362.0	44.0	5.0	0.10
52	PRESCOTT	518700	5036910	18	-/8/76	14.0	23.0	1090.0	25.0	1071.0	8.0	1142.0	<0.10
397	PRESCOTT	503855	5037650	18	-/8/76	42.0	13.0	26.0	4.8	179.0	23.0	36.0	<0.10
771	PRESCOTT	519190	5033590	18	-/8/76	4.0	1.0	330.0	4.4	493.0	5.0	168.0	<0.10
1895	RUSSELL	489090	5026800	18	-/7/76	172.0	35.0	480.0	13.0	676.0	28.0	623.0	<0.10
-	RUSSELL	485500	5029000	18	-/6/76	6.0	6.0	570.0	13.0	532.0	5.0	603.0	<0.10
-	RUSSELL	481950	5027350	18	-/8/76	16.0	8.0	270.0	8.9	510.0	6.0	153.0	<0.10
					# of samples	10	10	10	10	10	10	10	10
					mean	48.9	19.5	300.3	9.8	462.1	25.6	304.3	0.10
					minimum	4.0	1.0	1.0	0.8	179.0	3.0	5.0	<0.10
					maximum	172.0	38.0	1090.0	25.0	1071.0	70.0	1142.0	0.10

## 6. Billings-Carlsbad-Queenston hydrogeologic unit (eastern Ontario) (B) Page 2 of 2

MOBE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
14887	OTTAWA-CARLETON	459612	5016633	18	-7/76	0.95	224.0	244.0	1040.0	616.0	7.60	-
15787	OTTAWA-CARLETON	465880	5012430	18	-7/76	0.10	240.0	336.0	880.0	552.0	7.50	-
-	OTTAWA-CARLETON	475250	5025000	18	-6/76	0.20	190.0	106.0	360.0	234.0	8.10	-
-	OTTAWA-CARLETON	485250	5013000	18	-7/76	0.10	297.0	352.0	610.0	486.0	7.40	-
52	PRESGOTT	518700	5036910	18	-8/76	19.00	878.0	132.0	4500.0	2874.0	8.20	-
397	PRESGOTT	503855	5037650	18	-8/76	0.10	147.0	156.0	420.0	273.0	6.80	-
771	PRESGOTT	519190	5033590	18	-8/76	0.10	489.0	10.0	1310.0	856.0	8.90	-
1895	RUSSELL	489090	5026800	18	-7/76	-	557.0	575.0	2200.0	1374.0	8.40	-
-	RUSSELL	485500	5029000	18	-6/76	1.10	436.0	40.0	2500.0	1468.0	8.60	-
-	RUSSELL	481950	5027350	18	-8/76	0.20	439.0	72.0	1160.0	738.0	8.40	-
					# of samples	9	10	10	10	10	10	0
					mean	2.43	389.7	202.3	1498.0	947.1	7.99	-
					minimum	0.10	147.0	10.0	360.0	234.0	6.80	-
					maximum	19.00	878.0	575.0	4500.0	2874.0	8.90	-

## 7. Blue Mountain-Georgian Bay hydrogeologic unit (A) Page 1 of 2

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
601	DURHAM	-	-	-	13/7/81	33.0	18.0	14.0	1.5	177.0	2.0	2.0	0.10
1430	DURHAM	-	-	-	6/26/74	22.0	8.0	270.0	8.7	727.0	8.0	128.0	3.20
1486	DURHAM	-	-	-	2/7/81	54.0	27.0	27.5	17.4	224.0	26.0	38.0	5.00
6580	DURHAM	-	-	-	6/7/81	19.0	10.0	9.0	2.7	248.0	4.0	4.0	0.30
2843	GREY	-	-	-	12/5/69	77.0	-	-	-	327.0	-	5.0	0.10
383	PEEL	-	-	-	30/9/77	144.0	28.0	22.0	1.8	242.0	55.0	159.0	1.30
2808	PEEL	-	-	-	24/12/75	118.0	112.0	47.0	5.4	922.0	130.0	209.0	9.40
4090	PEEL	-	-	-	30/9/77	26.0	21.0	55.0	3.2	153.0	2.0	88.0	0.10
119	SIMCOE	-	-	-	21/8/68	28.0	8.0	150.0	13.0	330.0	20.0	115.0	0.41
4106	SIMCOE	-	-	-	10/8/78	73.0	24.0	14.0	1.1	201.0	55.0	19.0	3.80
6822	SIMCOE	-	-	-	18/7/79	74.0	19.0	225.0	11.1	216.0	36.0	350.0	1.60
9136	SIMCOE	-	-	-	18/7/79	35.0	22.0	190.0	8.8	265.0	6.0	227.0	0.10
12878	SIMCOE	-	-	-	18/7/79	37.0	12.0	285.0	16.0	129.0	34.0	441.0	0.10
					Number Of Samples	13	12	12	12	13	12	13	13
					Mean	56.9	25.8	109.0	7.6	320.1	31.5	137.3	1.33
					Minimum	19.0	8.0	9.0	1.1	129.0	2.0	2.0	0.10
					Maximum	144.0	112.0	285.0	17.4	922.0	130.0	441.0	9.40

## 7. Blue Mountain-Georgian Bay hydrogeologic unit (B) Page 2 of 2

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHQ/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
601	DURHAM	-	-	-	13/7/81	0.24	177.0	156.0	313.0	-	7.80	-
1430	DURHAM	-	-	-	6/26/74	1.60	596.0	88.0	1400.0	880.0	7.70	-
1486	DURHAM	-	-	-	2/7/81	0.01	224.0	248.0	620.0	-	7.30	-
6580	DURHAM	-	-	-	6/7/81	0.91	248.0	238.0	459.0	-	7.50	-
2843	GREY	-	-	-	12/5/69	0.50	-	326.0	583.0	360.0	8.30	-
383	PEEL	-	-	-	30/9/77	0.10	242.0	476.0	1020.0	-	7.60	-
2808	PEEL	-	-	-	24/12/75	0.05	368.0	756.0	1550.0	-	7.60	-
4090	PEEL	-	-	-	30/9/77	0.15	153.0	151.0	560.0	-	8.00	-
119	SIMCOE	-	-	-	21/8/68	0.10	271.0	106.0	914.0	502.0	7.80	0.80
4106	SIMCOE	-	-	-	10/8/78	0.10	201.0	282.0	530.0	475.0	7.80	0.10
6822	SIMCOE	-	-	-	18/7/79	0.15	216.0	264.0	1590.0	935.0	7.70	0.50
9136	SIMCOE	-	-	-	18/7/79	1.10	265.0	180.0	1220.0	700.0	7.90	0.70
12878	SIMCOE	-	-	-	18/7/79	0.28	129.0	144.0	1690.0	950.0	8.10	0.90
					# of samples	13	12	13	13	7	13	5
					mean	0.41	257.5	262.7	957.6	686.0	7.78	0.60
					minimum	0.01	129.0	88.0	313.0	360.0	7.30	0.10
					maximum	1.60	596.0	756.0	1690.0	950.0	8.30	0.90

## 8. Queenston hydrogeologic unit (central Ontario) (A) Page 1 of 2

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca) (Mg)	MAGNE- SIUM (Mg)	SODIUM (Na) (K)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
725	DUFFERIN	-	-	-	20/8/68	42.0	15.0	102.0	11.0	217.0	105.0	83.0	0.01
1412	HALTON	-	-	-	4/7/80	88.0	29.0	6.0	9.2	-	25.0	9.0	1.50
1632	HALTON	-	-	-	16/5/80	170.0	39.0	42.0	15.0	-	33.0	128.0	6.20
4957	HALTON	-	-	-	16/5/80	220.0	23.0	196.0	20.0	-	720.0	106.0	0.30
4042	PEEL	-	-	-	1/8/90	65.0	-	3.3	-	-	34.5	6.3	<0.10
4404	PEEL	-	-	-	1/8/90	31.0	-	1.6	-	-	18.4	3.0	1.70
4096	PEEL	-	-	-	23/12/75	80.0	19.0	97.0	7.0	336.0	56.0	157.0	<0.20
1804	PEEL	-	-	-	15/5/80	232.0	42.0	54.0	8.0	-	380.0	79.0	0.30
1212	PEEL	-	-	-	29/9/77	36.0	5.0	10.0	1.5	78.0	21.0	22.0	0.40
187	PEEL	-	-	-	30/9/77	112.0	15.0	98.0	6.7	196.0	114.0	168.0	<0.10
1615	PEEL	-	-	-	26/5/80	495.0	53.0	183.0	18.0	-	1220.0	275.0	0.40
1590	PEEL	-	-	-	23/12/75	136.0	64.0	270.0	14.0	303.0	280.0	445.0	0.60
					# of samples	12	10	12	10	5	12	12	12
					mean	142.3	30.4	88.6	11.0	226.0	250.6	123.4	0.98
					minimum	31.0	5.0	1.6	1.5	78.0	18.4	3.0	0.01
					maximum	495.0	64.0	270.0	20.0	336.0	1220.0	445.0	6.20



## 8. Queenston hydrogeologic unit (central Ontario) (B) Page 2 of 2

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
725	DUFFERIN	-	-	-	20/8/68	0.15	178.0	166.0	826.0	698.0	7.90	0.70
1412	HALTON	-	-	-	4/7/80	-	313.0	338.0	618.0	445.0	-	0.20
1632	HALTON	-	-	-	16/5/80	-	441.0	584.0	1240.0	775.0	-	0.20
4957	HALTON	-	-	-	16/5/80	-	209.0	640.0	1800.0	1440.0	-	0.80
4042	PEEL	-	-	-	1/8/90	-	-	228.0	-	251.0	-	-
4404	PEEL	-	-	-	1/8/90	-	-	170.0	-	327.0	-	-
4096	PEEL	-	-	-	23/12/75	0.55	215.0	276.0	1020.0	-	7.60	-
1804	PEEL	-	-	-	15/5/80	-	345.0	750.0	1420.0	1110.0	7.40	0.20
1212	PEEL	-	-	-	29/9/77	0.10	78.0	109.0	260.0	-	8.10	-
187	PEEL	-	-	-	30/9/77	0.05	196.0	340.0	1090.0	-	7.70	-
1615	PEEL	-	-	-	26/5/80	-	191.0	1460.0	2790.0	2580.0	7.30	0.30
1590	PEEL	-	-	-	23/12/75	0.15	249.0	604.0	2340.0	-	7.10	-
# of samples						5	10	12	10	8	7	6
mean						0.20	241.5	472.1	1340.4	953.3	7.59	0.40
minimum						0.05	78.0	109.0	260.0	251.0	7.10	0.20
maximum						0.55	441.0	1460.0	2790.0	2580.0	8.10	0.80

## 9. Clinton Group/Cataract Group hydrogeologic units (A,B) Page 1 of 1

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BOHATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
748	PEEL	-	-	-	29/9/77	62.0	36.0	16.0	1.8	204.0	40.0	69.0	0.40
1023	PEEL	-	-	-	29/9/77	54.0	20.0	4.0	1.1	198.0	26.0	2.0	<0.10
4252	PEEL	-	-	-	29/9/77	102.0	25.0	17.0	2.9	262.0	65.0	42.0	2.40
					# of samples	3	3	3	3	3	3	3	3
					mean	72.7	27.0	12.3	1.9	221.3	43.7	37.7	0.97
					minimum	54.0	20.0	4.0	1.1	198.0	26.0	2.0	<0.10
					maximum	102.0	36.0	17.0	2.9	262.0	65.0	69.0	2.40

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
748	PEEL	-	-	-	29/9/77	0.15	204.0	304.0	630.0	-	7.70	-
1023	PEEL	-	-	-	29/9/77	5.70	198.0	217.0	405.0	-	7.70	-
4252	PEEL	-	-	-	29/9/77	0.35	262.0	360.0	720.0	-	7.30	-
					# of samples	3	3	3	3	0	3	0
					mean	2.07	221.3	293.7	585.0	-	7.57	-
					minimum	0.15	198.0	217.0	405.0	-	7.30	-
					maximum	5.70	262.0	360.0	720.0	-	7.70	-

## 10. Amabel hydrogeologic unit (A) Page 1 of 8

WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
76	BRUCE	-	-	-	17/6/82	72.5	29.2	2.1	0.9	254.0	35.5	2.6	0.60
81	BRUCE	-	-	-	18/6/82	54.1	25.6	3.8	1.0	221.8	18.0	1.4	0.10
477	BRUCE	-	-	-	17/6/82	81.4	34.9	27.5	0.5	321.0	17.5	42.0	0.10
2280	BRUCE	-	-	-	17/6/82	76.6	15.1	10.5	3.6	223.0	18.0	20.0	1.50
3587	BRUCE	-	-	-	17/6/82	124.6	38.4	29.6	12.2	303.8	118.0	72.8	2.10
7	DUFFERIN	-	-	-	16/6/68	65.0	33.0	7.0	2.0	263.0	85.0	1.0	0.09
483	DUFFERIN	-	-	-	20/8/68	70.0	17.0	3.0	2.0	285.0	18.0	3.0	0.02
627	DUFFERIN	-	-	-	20/8/68	57.0	18.0	3.0	1.8	241.0	21.0	2.0	0.02
1282	DUFFERIN	-	-	-	22/5/50	89.0	15.0	3.0	2.7	-	29.0	7.0	4.00
-	DUFFERIN	569890	4861900	17	-/4/88	76.0	22.0	6.5	1.7	-	19.0	13.0	0.69
-	DUFFERIN	570800	4864013	17	8/9/92	60.6	23.2	3.3	1.1	-	30.5	3.4	0.05
-	DUFFERIN	570740	4864046	17	5/10/92	62.6	22.4	3.2	1.1	-	29.0	3.2	0.05
-	DUFFERIN	569350	4863940	17	23/4/90	61.7	19.8	2.9	1.1	-	23.9	2.1	<0.05
-	DUFFERIN	574600	4864020	17	30/9/93	113.0	34.8	92.3	<1.0	-	29.8	171.0	6.80
-	DUFFERIN	574600	4864070	17	30/9/93	101.0	37.5	60.5	<1.0	-	33.9	138.0	5.80
-	DUFFERIN	574560	4864015	17	30/9/93	109.0	32.9	86.2	<1.0	-	30.0	172.0	6.20
-	DUFFERIN	570115	4862274	17	-/3/92	79.6	24.2	14.9	1.0	-	48.3	33.7	1.60
-	DUFFERIN	571355	4862499	17	21/9/83	115.0	32.0	11.0	1.6	-	90.5	21.4	<0.10
-	DUFFERIN	571364	4860338	17	-/3/92	86.9	23.7	5.3	1.0	-	74.2	11.0	<0.10
-	DUFFERIN	570489	4862848	17	1/5/87	63.6	22.0	4.3	0.4	-	44.4	3.6	<0.03
-	DUFFERIN	570813	4863958	17	-/3/92	65.9	22.4	3.2	1.0	-	29.4	4.5	<0.10
-	DUFFERIN	570669	4862420	17	21/9/83	80.5	26.8	4.0	1.0	-	51.0	5.8	<0.10
-	DUFFERIN	571625	4866140	17	23/1/90	72.2	20.9	4.8	1.1	-	26.9	18.5	0.17
-	DUFFERIN	571400	4865980	17	30/9/93	85.4	22.7	34.7	<1.0	-	28.0	60.8	0.40
-	DUFFERIN	571280	4865910	17	30/9/93	69.1	26.0	17.5	<1.0	-	31.4	31.5	0.40
-	DUFFERIN	574350	4864130	17	30/9/93	104.0	36.3	56.3	<1.0	-	24.0	133.0	6.10

## 10. Amabel hydrogeologic unit (A) Page 2 of 8

HOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
-	DUFFERIN	574480	4864090	17	30/9/93	110.0	37.7	86.8	<1.0	-	25.9	180.0	2.10
-	DUFFERIN	569700	4863830	17	4/10/91	58.5	23.3	3.4	1.0	-	20.7	1.3	<0.50
-	DUFFERIN	569310	4864090	17	4/10/91	58.7	23.3	3.5	0.9	-	22.2	2.6	<0.50
-	DUFFERIN	571300	4865970	17	29/3/78	65.0	28.0	3.0	1.1	-	23.0	2.0	0.10
-	DUFFERIN	571706	4865730	17	23/1/89	73.0	24.0	5.9	1.0	-	27.3	18.6	-
-	DUFFERIN	569820	4862325	17	4/10/91	67.6	27.5	49.3	1.7	-	21.4	37.8	7.53
532	GREY	-	-	-	24/7/80	68.0	24.0	2.0	1.0	256.0	11.0	4.0	0.10
3633	GREY	-	-	-	15/7/80	100.0	14.0	2.0	2.2	261.0	31.0	6.0	2.10
3651	GREY	-	-	-	16/7/80	95.0	26.0	9.0	13.0	297.0	22.0	23.0	5.50
3795	GREY	-	-	-	16/7/80	113.0	33.0	2.0	0.8	368.0	16.0	11.0	4.00
4741	GREY	-	-	-	16/7/80	113.0	15.0	2.0	1.8	318.0	12.0	2.0	1.70
868	HALTON	-	-	-	24/2/87	-	34.6	76.8	3.2	-	49.6	129.0	0.10
1053	HALTON	-	-	-	20/5/80	166.0	19.0	29.0	6.1	-	53.0	134.0	0.60
-	HALTON	581525	4840400	17	20/5/80	112.0	23.0	13.0	3.5	-	53.0	49.0	<0.10
-	HALTON	577460	4831810	17	10/3/87	-	29.3	13.7	0.9	-	46.8	35.3	0.28
-	HALTON	576850	4833060	17	24/2/87	-	23.9	5.6	1.3	-	21.5	14.6	0.15
-	HALTON	576980	4835080	17	24/2/87	-	24.2	5.3	1.5	-	21.7	13.3	0.15
-	HALTON	576855	4833065	17	18/8/87	70.0	-	11.0	1.5	-	27.0	16.9	2.46
573	PEEL	-	-	-	1/8/90	79.0	-	18.9	-	-	66.9	30.5	0.70
582	PEEL	-	-	-	1/8/90	41.0	-	21.7	-	-	70.8	1.4	<0.10
610	PEEL	-	-	-	30/9/77	115.0	24.0	22.0	4.7	288.0	48.0	29.0	13.00
623	PEEL	-	-	-	23/12/75	83.0	28.0	6.0	0.6	392.0	26.0	9.0	5.80
624	PEEL	-	-	-	1/8/90	72.0	-	3.1	-	-	39.7	2.8	1.00
920	PEEL	-	-	-	21/12/75	67.0	22.0	2.0	0.8	317.0	32.0	2.0	0.60
1046	PEEL	-	-	-	1/8/90	78.0	-	2.9	-	-	90.0	2.0	<0.10
1054	PEEL	-	-	-	1/8/90	340.0	-	9.2	-	-	800.0	3.2	<0.10

## 10. Amabel hydrogeologic unit (A) Page 3 of 8

HOPE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
1057	PEEL	-	-	-	-/-/87	380.0	-	11.7	-	-	1070.0	1.2	<0.10
1063	PEEL	-	-	-	1/8/90	72.0	-	2.8	-	-	50.5	3.7	1.10
1068	PEEL	-	-	-	1/8/90	60.0	-	3.4	-	-	31.7	2.0	<0.10
2919	PEEL	-	-	-	23/5/80	90.0	25.0	8.0	0.8	-	26.0	34.0	1.00
3075	PEEL	-	-	-	1/8/90	182.0	-	54.8	-	-	430.0	50.4	0.40
3117	PEEL	-	-	-	1/8/90	91.0	-	9.4	-	-	36.2	22.0	8.50
3126	PEEL	-	-	-	1/8/90	40.0	-	6.9	-	-	<1.0	1.0	<0.10
3146	PEEL	-	-	-	1/8/90	65.0	-	2.6	-	-	18.6	5.6	2.70
3531	PEEL	-	-	-	1/8/90	79.0	-	2.8	-	-	33.9	6.2	3.80
3952	PEEL	-	-	-	1/8/90	75.0	-	3.3	-	-	26.9	2.9	<0.10
4340	PEEL	-	-	-	1/8/90	77.0	-	8.4	-	-	103.0	1.3	<0.10
4368	PEEL	-	-	-	22/5/80	205.0	40.0	19.0	1.7	-	560.0	1.0	<0.10
4485	PEEL	-	-	-	8/7/80	508.0	60.0	22.0	3.5	-	1300.0	6.0	<0.10
4573	PEEL	-	-	-	1/8/90	61.0	-	3.1	-	-	29.1	6.3	1.00
4631	PEEL	-	-	-	1/8/90	59.0	-	6.3	-	-	32.6	7.8	1.30
-	PEEL	578925	4861790	17	22/12/88	69.6	26.9	3.4	0.8	-	21.2	5.3	0.45
-	PEEL	581175	4857950	17	14/12/82	102.0	34.5	35.5	0.8	-	34.0	106.4	4.30
-	PEEL	577670	4859470	17	14/12/82	119.0	39.0	52.0	10.6	-	45.5	123.2	4.00
-	PEEL	577650	4859470	17	22/12/88	76.4	26.2	5.6	0.6	-	29.6	16.4	1.45
-	PEEL	578710	4861930	17	22/6/92	48.3	23.2	2.5	1.0	-	18.7	1.5	0.40
-	PEEL	577700	4859400	17	14/12/82	95.0	39.0	24.0	3.6	-	38.5	94.0	3.10
-	PEEL	572840	4861310	17	25/8/92	57.9	17.0	6.4	1.3	-	25.5	4.8	<0.10
-	PEEL	578070	4861860	17	22/12/88	63.0	23.8	3.0	1.0	-	18.1	0.1	0.25
-	PEEL	581080	4857900	17	14/12/82	118.0	35.0	92.0	1.2	-	37.0	182.0	4.20
2559	SINCOE	-	-	-	20/6/79	52.0	31.0	13.0	2.7	244.0	31.0	5.0	0.50
662	WELLINGTON	-	-	-	20/5/80	104.0	35.0	3.0	1.0	-	170.0	4.0	<0.10

## 10. Amabel hydrogeologic unit (A) Page 4 of 8

MOSE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca) (Mg)	MAGNE- SIUM (Mg)	SODIUM (Na) (Mg)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
771	WELLINGTON	-	-	-	1/10/82	-	-	6.4	5.9	-	14.0	0.6	<0.10
813	WELLINGTON	-	-	-	22/5/80	112.0	4.0	6.0	1.0	-	17.0	25.0	5.00
3175	WELLINGTON	-	-	-	21/5/80	152.0	27.0	9.0	1.1	-	335.0	2.0	<0.10
3349	WELLINGTON	-	-	-	4/7/80	81.0	13.0	5.0	0.9	-	59.0	2.0	<0.10
4581	WELLINGTON	-	-	-	18/9/78	73.0	26.0	3.0	0.9	-	24.0	4.0	<0.10
5168	WELLINGTON	-	-	-	20/5/80	107.0	40.0	46.0	1.1	-	100.0	42.0	<0.10
5649	WELLINGTON	-	-	-	7/10/80	-	-	6.0	1.2	-	30.0	3.0	<0.10
6108	WELLINGTON	-	-	-	23/5/80	50.0	15.0	11.0	1.0	-	40.0	<1.0	<0.10
6314	WELLINGTON	-	-	-	16/8/76	93.0	32.0	19.0	0.8	-	85.0	41.0	<0.10
-	WELLINGTON	573315	484623	17	-/1/92	111.0	28.1	5.3	1.8	-	179.0	2.5	<0.03
-	WELLINGTON	569055	484959	17	29/1/91	91.8	23.7	27.6	1.3	-	50.8	50.4	3.92
-	WELLINGTON	574279	484742	17	9/6/92	86.2	25.9	5.8	1.2	-	106.2	5.0	0.18
-	WELLINGTON	573950	4847800	17	7/10/80	-	-	6.0	0.9	-	75.0	2.0	0.42
-	WELLINGTON	573357	4847185	17	31/1/86	96.0	31.0	13.5	1.5	-	184.0	11.6	0.10
-	WELLINGTON	573806	4847702	17	7/10/80	-	-	7.0	1.1	-	65.0	1.0	<0.10
-	WELLINGTON	573210	4850150	17	7/7/80	120.0	8.0	5.0	1.0	-	116.0	3.0	0.40
-	WELLINGTON	575460	4849800	17	8/7/80	147.0	23.0	6.0	1.0	-	245.0	1.0	<0.10
-	WELLINGTON	575150	4847650	17	27/1/86	76.0	25.5	11.0	1.5	-	36.0	21.2	2.90
					# of samples	88	74	96	79	17	96	96	95
					mean	97.6	26.3	15.8	1.8	284.9	90.2	27.6	1.47
					minimum	40.0	4.0	2.0	0.4	221.8	<1.0	0.1	0.02
					maximum	508.0	60.0	92.3	13.0	392.0	1300.0	182.0	13.00



10. Amabel hydrogeologic unit (B) Page 5 of 8

WELL #	MOE	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLUORIDE (F)
76	BRUCE	BRUCE	-	-	-	17/6/82	0.03	254.0	301.2	-	320.0	-	-
81	BRUCE	BRUCE	-	-	-	18/6/82	0.01	221.8	240.4	-	230.0	-	-
477	BRUCE	BRUCE	-	-	-	17/6/82	0.36	321.0	347.2	-	463.0	-	-
2280	BRUCE	BRUCE	-	-	-	17/6/82	0.39	223.0	253.6	-	315.0	-	-
3587	BRUCE	BRUCE	-	-	-	17/6/82	0.11	303.8	336.8	-	330.0	-	-
7	DUFFERIN	DUFFERIN	-	-	-	16/6/68	0.70	216.0	300.0	570.0	374.0	7.80	1.30
483	DUFFERIN	DUFFERIN	-	-	-	20/8/68	0.20	217.0	246.0	451.0	272.0	7.70	<0.10
627	DUFFERIN	DUFFERIN	-	-	-	20/8/68	3.30	0.0	220.0	408.0	262.0	7.70	0.10
1282	DUFFERIN	DUFFERIN	-	-	-	22/5/50	-	250.0	285.0	540.0	350.0	-	0.10
-	DUFFERIN	DUFFERIN	569890	4861900	17	-/4/88	-	250.0	271.0	545.0	-	-	0.37
-	DUFFERIN	DUFFERIN	570800	4864013	17	8/9/92	-	229.1	307.2	463.0	-	-	0.26
-	DUFFERIN	DUFFERIN	570740	4864046	17	5/10/92	-	227.4	249.0	451.0	-	-	0.28
-	DUFFERIN	DUFFERIN	569350	4863940	17	23/4/90	-	216.0	235.0	482.0	255.0	-	0.40
-	DUFFERIN	DUFFERIN	574600	4864020	17	30/9/93	-	305.0	425.0	1030.0	-	-	0.50
-	DUFFERIN	DUFFERIN	574600	4864070	17	30/9/93	-	319.0	407.0	870.0	-	-	1.20
-	DUFFERIN	DUFFERIN	574560	4864015	17	30/9/93	-	295.0	408.0	986.0	-	-	0.40
-	DUFFERIN	DUFFERIN	570115	4862274	17	-/3/92	-	257.0	298.0	640.0	525.0	-	0.40
-	DUFFERIN	DUFFERIN	571355	4862499	17	21/9/83	-	254.0	418.5	765.0	-	-	0.16
-	DUFFERIN	DUFFERIN	571364	4860338	17	-/3/92	-	257.0	315.0	610.0	518.0	-	0.30
-	DUFFERIN	DUFFERIN	570489	4862848	17	1/5/87	-	231.0	272.0	499.0	340.0	-	0.20
-	DUFFERIN	DUFFERIN	570813	4863958	17	-/3/92	-	240.0	257.0	501.0	423.0	-	0.30
-	DUFFERIN	DUFFERIN	570669	4862420	17	21/9/83	-	253.4	311.1	568.0	-	-	0.15
-	DUFFERIN	DUFFERIN	571625	4866140	17	23/1/90	-	241.0	266.0	579.0	-	-	0.10
-	DUFFERIN	DUFFERIN	571400	4865980	17	30/9/93	-	262.0	307.0	639.0	-	-	0.20
-	DUFFERIN	DUFFERIN	571280	4865910	17	30/9/93	-	233.0	280.0	518.0	-	-	0.30
-	DUFFERIN	DUFFERIN	574350	4864130	17	30/9/93	-	324.0	409.0	1170.0	-	-	0.40



## 10. Amabel hydrogeologic unit (B) Page 6 of 8

MOSE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
-	DUFFERIN	574480	4864090	17	30/9/93	-	329.0	430.0	1030.0	-	-	0.40
-	DUFFERIN	569700	4863830	17	4/10/91	-	224.0	241.8	393.0	276.8	-	<0.50
-	DUFFERIN	569310	4864090	17	4/10/91	-	228.0	242.3	398.0	228.0	-	<0.50
-	DUFFERIN	571300	4865970	17	29/3/78	-	228.0	245.0	445.0	-	-	0.10
-	DUFFERIN	571706	4865730	17	23/1/89	-	238.0	281.0	606.0	-	-	-
-	DUFFERIN	569820	4862325	17	4/10/91	-	208.0	281.8	633.0	488.4	-	<0.50
532	GREY	-	-	-	24/7/80	2.40	256.0	270.0	481.0	290.0	7.40	-
3633	GREY	-	-	-	15/7/80	0.01	261.0	307.0	519.0	370.0	7.50	-
3651	GREY	-	-	-	16/7/80	0.06	297.0	343.0	652.0	460.0	7.80	-
3795	GREY	-	-	-	16/7/80	1.10	368.0	418.0	700.0	475.0	7.30	-
4741	GREY	-	-	-	16/7/80	0.01	318.0	344.0	579.0	360.0	7.20	-
868	HALTON	-	-	-	24/2/87	-	334.3	401.0	997.0	-	7.77	0.10
1053	HALTON	-	-	-	20/5/80	-	307.0	492.0	980.0	630.0	-	0.20
-	HALTON	581525	4840400	17	20/5/80	-	278.0	376.0	715.0	390.0	-	0.10
-	HALTON	577460	4831810	17	10/3/87	-	276.4	327.0	639.0	-	-	0.09
-	HALTON	576850	4833060	17	24/2/87	-	266.0	297.0	537.0	-	7.98	0.15
-	HALTON	576980	4835080	17	24/2/87	-	265.2	296.5	535.0	-	7.94	0.56
-	HALTON	576855	4833065	17	18/8/87	-	245.0	297.6	970.0	-	7.81	0.42
573	PEEL	-	-	-	1/8/90	-	-	362.0	-	484.0	-	-
582	PEEL	-	-	-	1/8/90	-	-	184.0	-	247.0	-	-
610	PEEL	-	-	-	30/9/77	<0.05	298.0	387.0	800.0	-	7.40	-
623	PEEL	-	-	-	23/12/75	0.05	264.0	322.0	590.0	-	7.60	-
624	PEEL	-	-	-	1/8/90	-	-	283.0	-	314.0	-	-
920	PEEL	-	-	-	23/12/75	<0.05	226.0	260.0	475.0	-	7.40	-
1046	PEEL	-	-	-	1/8/90	-	-	297.0	-	346.0	-	-
1054	PEEL	-	-	-	1/8/90	-	-	1070.0	-	1460.0	-	-

## 10. Amabel hydrogeologic unit (B) Page 7 of 8

NSEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCT- (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no unite)	FLOURIDE (F)
1057	PEEL	-	-	-	-/-/87	-	-	1220.0	-	1800	-	-
1063	PEEL	-	-	-	1/8/90	-	-	268.0	-	305.0	-	-
1068	PEEL	-	-	-	1/8/90	-	-	237.0	-	279.0	-	-
2919	PEEL	-	-	-	23/5/80	-	263.0	327.0	615.0	405.0	7.60	0.10
3075	PEEL	-	-	-	1/8/90	-	-	652.0	-	957.0	-	-
3117	PEEL	-	-	-	1/8/90	-	-	343.0	-	431.0	-	-
3126	PEEL	-	-	-	1/8/90	-	-	183.0	-	211.0	-	-
3146	PEEL	-	-	-	1/8/90	-	-	263.0	-	317.0	-	-
3531	PEEL	-	-	-	1/8/90	-	-	295.0	-	352.0	-	-
3952	PEEL	-	-	-	1/8/90	-	-	282.0	-	325.0	-	-
4340	PEEL	-	-	-	1/8/90	-	-	298.0	-	356.0	-	-
4368	PEEL	-	-	-	22/5/80	-	138.0	678.0	1260.0	995.0	7.50	0.90
4485	PEEL	-	-	-	8/7/80	-	185.0	1515.0	2000.0	2270.0	7.40	0.30
4573	PEEL	-	-	-	1/8/90	-	-	244.0	-	258.0	-	-
4631	PEEL	-	-	-	1/8/90	-	-	266.0	-	338.0	-	-
-	PEEL	578925	4861790	17	22/12/88	-	262.2	285.0	500.0	-	8.22	0.06
-	PEEL	581175	4857950	17	14/12/82	-	278.4	396.0	900.0	-	7.80	0.08
-	PEEL	577670	4859470	17	14/12/82	-	345.2	457.0	1070.0	-	7.65	0.05
-	PEEL	577650	4859470	17	22/12/88	-	253.7	299.0	545.0	-	8.19	0.06
-	PEEL	578710	4861930	17	22/6/92	-	210.7	216.1	447.0	-	8.23	0.04
-	PEEL	577700	4859400	17	14/12/82	-	283.4	397.0	865.0	-	7.92	0.06
-	PEEL	572840	4861110	17	25/8/92	-	193.0	215.0	420.0	-	7.32	<0.10
-	PEEL	579070	4861860	17	22/12/88	-	247.6	255.0	455.0	-	8.21	0.08
-	PEEL	581080	4857900	17	14/12/82	-	261.4	438.0	1214.0	-	7.56	0.05
2559	SINCOE	-	-	-	20/6/79	0.19	244.0	254.0	500.0	305.0	7.70	0.30
562	WELLINGTON	-	-	-	20/5/80	-	230.0	404.0	685.0	495.0	7.80	0.60

## 10. Amabel hydrogeologic unit (B) Page 8 of 8

MOSE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	PH (no units)	FLOURIDE (F)
771	WELLINGTON	-	-	-	1/10/82	-	-	212.9	397.0	-	-	-
813	WELLINGTON	-	-	-	22/5/80	-	239.0	297.0	560.0	335.0	7.80	<0.10
3175	WELLINGTON	-	-	-	21/5/80	-	175.0	493.0	960.0	675.0	7.80	0.50
3349	WELLINGTON	-	-	-	4/7/80	-	201.0	254.0	453.0	295.0	7.70	3.28
4581	WELLINGTON	-	-	-	18/9/78	0.20	280.0	291.0	530.0	350.0	7.50	-
5168	WELLINGTON	-	-	-	20/5/83	-	355.0	431.0	895.0	590.0	7.60	0.10
5649	WELLINGTON	-	-	-	7/10/80	-	212.0	234.0	450.0	-	7.90	-
6108	WELLINGTON	-	-	-	23/5/80	-	170.0	187.0	385.0	250.0	8.00	1.20
6314	WELLINGTON	-	-	-	16/8/76	0.30	259.0	364.0	700.0	480.0	7.30	-
-	WELLINGTON	573315	4846623	17	-/1/82	-	207.0	393.0	-	536.0	7.75	0.30
-	WELLINGTON	569065	4848969	17	29/1/91	-	268.2	326.5	725.0	-	7.95	0.14
-	WELLINGTON	574279	4847742	17	9/6/82	-	208.3	322.0	580.0	-	8.22	0.20
-	WELLINGTON	573950	4847800	17	7/10/80	-	205.0	271.0	505.0	-	7.70	-
-	WELLINGTON	573357	4847185	17	31/1/86	-	195.0	372.0	727.0	-	7.84	-
-	WELLINGTON	573806	4847702	17	7/10/80	-	196.0	250.0	485.0	-	7.80	-
-	WELLINGTON	573210	4850150	17	7/7/80	-	206.0	332.0	584.0	480.0	7.70	0.30
-	WELLINGTON	575460	4849800	17	8/7/80	-	197.0	462.0	770.0	645.0	8.00	0.20
-	WELLINGTON	575150	4847650	17	27/1/86	-	241.0	295.0	593.0	-	7.90	-
					# of samples	19	77	96	74	56	46	39
					mean	0.49	251.0	348.9	666.2	479.1	7.74	0.30
					minimum	0.01	138.0	183.0	385.0	211.0	7.20	0.04
					maximum	3.00	368.0	1515.0	2000.0	2270.0	8.23	1.38

## 11. Guelph hydrogeologic unit (A) Page 1 of 4

MOSE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca) (Mg)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (CL)	NITRATE (NO <sub>3</sub> as N)
118	BRANT	-	-	-	4/7/73	130.0	55.0	8.0	1.4	260.0	350.0	6.0	0.08
305	BRANT	-	-	-	-/5/64	216.0	88.0	168.0	-	-	745.0	450.0	-
320	BRANT	-	-	-	4/7/73	33.0	19.0	90.0	2.5	107.0	118.0	122.0	0.07
326	BRANT	-	-	-	24/5/73	53.0	34.0	100.0	1.7	62.0	370.0	58.0	0.02
825	BRANT	-	-	-	4/7/73	66.0	19.0	26.0	1.2	189.0	64.0	61.0	1.50
970	BRANT	-	-	-	24/5/73	320.0	100.0	8.0	1.5	252.0	1000.0	10.0	0.03
980	BRANT	-	-	-	5/7/73	192.0	68.0	5.0	1.0	275.0	540.0	6.0	0.08
1329	BRANT	-	-	-	4/7/73	488.0	180.0	295.0	14.0	28.0	1600.0	770.0	0.19
246	BRUCE	-	-	-	22/6/82	25.6	18.8	32.0	2.1	185.0	3.0	21.4	0.10
587	BRUCE	-	-	-	22/6/82	56.6	35.2	6.3	1.3	259.0	29.0	5.0	0.10
622	BRUCE	-	-	-	22/6/82	68.3	29.7	36.9	1.8	278.0	23.0	42.2	0.30
2117	BRUCE	-	-	-	24/2/76	62.0	34.0	13.0	4.6	240.0	63.0	23.0	<0.20
2170	BRUCE	-	-	-	24/2/76	64.0	36.0	7.0	3.3	270.0	41.0	9.0	<0.20
3584	BRUCE	-	-	-	16/6/82	112.8	49.8	23.5	1.9	332.4	78.0	46.2	4.10
3889	BRUCE	-	-	-	22/6/82	63.0	27.5	2.5	1.6	253.6	16.5	0.2	0.10
4140	BRUCE	-	-	-	17/6/82	89.0	27.8	2.6	1.8	300.8	27.5	3.8	4.30
5056	BRUCE	-	-	-	18/6/82	49.0	24.1	34.5	5.4	135.2	33.0	98.0	0.10
1561	DUFFERIN	-	-	-	25/9/78	80.0	30.0	40.0	1.5	-	36.0	75.0	0.50
264	GREY	-	-	-	22/7/80	110.0	24.0	39.0	3.1	316.0	17.0	69.0	1.80
897	GREY	-	-	-	25/9/78	48.0	31.0	16.0	2.2	-	16.0	10.0	0.40
898	GREY	-	-	-	28/2/84	48.5	32.6	-	-	-	15.0	9.5	0.53
901	GREY	-	-	-	22/3/84	77.5	27.4	-	-	-	40.0	3.0	1.33
1210	GREY	-	-	-	22/7/80	63.0	29.0	2.0	0.9	253.0	16.0	2.0	1.40
3201	GREY	-	-	-	22/7/80	74.0	29.0	7.0	1.5	276.0	22.0	12.0	1.80

## 11. Guelph hydrogeologic unit (A) Page 2 of 4

HOPE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
4066	GREY	-	-	-	22/7/80	58.0	34.0	10.0	1.6	285.0	28.0	6.0	8.10
4533	GREY	-	-	-	8/8/73	58.0	35.0	9.0	4.6	291.0	16.0	17.0	4.40
4802	GREY	-	-	-	22/7/80	43.0	30.0	11.0	1.3	228.0	14.0	1.0	8.10
6539	GREY	-	-	-	15/7/80	120.0	28.0	3.0	0.6	366.0	18.0	12.0	3.30
6505	GREY	-	-	-	22/7/80	56.0	27.0	2.0	0.8	240.0	14.0	3.0	0.10
768	HALDIMAND	-	-	-	8/6/72	360.0	100.0	118.0	5.1	78.0	1260.0	27.0	<0.01
777	HALDIMAND	-	-	-	8/6/72	528.0	53.0	16.0	2.2	301.0	1250.0	8.0	3.80
425	WATERLOO	-	-	-	29/9/78	63.0	26.0	5.0	1.5	-	23.0	2.0	<0.10
1609	WATERLOO	-	-	-	22/9/78	71.0	21.0	10.0	1.0	-	54.0	6.0	<0.10
1744	WATERLOO	-	-	-	22/9/78	136.0	31.0	110.0	21.0	-	48.0	211.0	9.60
2731	WATERLOO	-	-	-	20/9/78	99.0	28.0	61.0	1.3	-	46.0	107.0	17.00
3111	WATERLOO	-	-	-	22/9/78	420.0	107.0	40.0	5.1	-	1200.0	61.0	<0.10
3975	WATERLOO	-	-	-	20/9/78	144.0	35.0	140.0	2.0	-	555.0	10.0	<0.10
1761	WELLINGTON	-	-	-	19/9/78	79.0	25.0	8.0	0.6	-	35.0	28.0	6.80
2186	WELLINGTON	-	-	-	19/9/78	74.0	26.0	4.0	1.4	-	32.0	11.0	12.00
3327	WELLINGTON	-	-	-	20/9/78	388.0	137.0	20.0	3.0	-	1300.0	15.0	<0.10
3436	WELLINGTON	-	-	-	19/9/78	58.0	24.0	8.0	0.9	-	57.0	2.0	<0.10
3552	WELLINGTON	-	-	-	18/9/78	80.0	30.0	32.0	1.5	-	46.0	62.0	1.60
3995	WELLINGTON	-	-	-	20/9/78	32.0	16.0	26.0	0.8	-	4.0	1.0	<0.10
4229	WELLINGTON	-	-	-	29/9/78	64.0	23.0	5.0	1.0	-	15.0	<1	<0.10
4342	WELLINGTON	-	-	-	19/9/78	109.0	33.0	13.0	3.2	-	85.0	42.0	13.00
4814	WELLINGTON	-	-	-	19/9/78	37.0	22.0	11.0	0.8	-	2.0	1.0	<0.10
-	WELLINGTON	568233	4849270	17	-/6/93	-	-	7.6	-	-	-	5.4	-
1750	WENTWORTH	-	-	-	27/9/78	18.0	7.0	46.0	1.1	-	57.0	18.0	<0.10
					# of samples	47	47	46	44	26	47	48	46
					mean	121.2	41.4	36.5	2.7	233.1	243.0	53.5	4.00
					minimum	18.0	7.0	2.0	0.6	28.0	2.0	0.2	<0.01
					maximum	528.0	180.0	295.0	31.0	366.0	1600.0	770.0	17.00

## 11. Guelph hydrogeologic unit (B) Page 3 of 4

WEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
138	BRANT	-	-	-	4/7/73	2.40	213.0	556.0	950.0	692.0	7.40	0.60
305	BRANT	-	-	-	-/5/64	0.36	204.0	902.0	-	1800.0	7.80	-
320	BRANT	-	-	-	4/7/73	0.40	88.0	164.0	800.0	450.0	7.70	1.60
326	BRANT	-	-	-	24/5/73	0.15	51.0	272.0	-	659.0	7.10	1.40
925	BRANT	-	-	-	4/7/73	0.30	155.0	244.0	600.0	348.0	7.20	0.40
970	BRANT	-	-	-	24/5/73	2.10	207.0	1210.0	-	1578.0	7.10	1.70
980	BRANT	-	-	-	5/7/73	1.40	226.0	760.0	1220.0	959.0	7.40	1.00
1329	BRANT	-	-	-	4/7/73	33.00	23.0	1960.0	4350.0	3405.0	6.60	0.70
246	BRUCE	-	-	-	22/6/82	0.30	185.0	141.0	-	239.0	-	-
587	BRUCE	-	-	-	22/6/82	0.01	259.0	286.4	-	372.0	-	-
622	BRUCE	-	-	-	22/6/82	0.06	278.0	293.0	-	426.0	-	-
2117	BRUCE	-	-	-	24/2/76	0.60	240.0	296.0	-	-	-	-
2170	BRUCE	-	-	-	24/2/76	0.30	270.0	308.0	-	-	-	-
3584	BRUCE	-	-	-	16/6/82	0.57	332.4	486.8	-	559.0	-	-
3889	BRUCE	-	-	-	22/6/82	0.38	253.6	270.8	-	318.0	-	-
4140	BRUCE	-	-	-	17/6/82	0.01	300.8	336.8	-	339.0	-	-
5056	BRUCE	-	-	-	18/6/82	0.78	135.2	221.4	-	339.0	-	-
1561	DUFFERIN	-	-	-	25/9/78	<0.10	251.0	323.0	750.0	460.0	7.60	-
264	GREY	-	-	-	22/7/80	0.33	316.0	350.0	799.0	485.0	7.50	-
897	GREY	-	-	-	25/9/78	<0.10	244.0	248.0	490.0	295.0	7.60	-
898	GREY	-	-	-	28/2/84	0.03	258.0	256.0	-	-	7.65	-
901	GREY	-	-	-	22/3/84	0.01	223.0	307.0	-	-	7.52	-
1210	GREY	-	-	-	22/7/80	0.11	253.0	275.0	492.0	300.0	7.70	-
3201	GREY	-	-	-	22/7/80	0.06	276.0	301.0	547.0	320.0	7.50	-



## 11. Guelph hydrogeologic unit (B) Page 4 of 4

MOSE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
4066	GREY	-	-	-	22/7/80	0.34	265.0	285.0	518.0	255.0	7.80	-
4533	GREY	-	-	-	8/8/73	0.95	291.0	316.0	580.0	380.0	7.60	-
4802	GREY	-	-	-	22/7/80	0.10	228.0	228.0	406.0	265.0	7.90	-
6539	GREY	-	-	-	15/7/80	0.01	366.0	415.0	699.0	440.0	7.30	-
6605	GREY	-	-	-	22/7/80	0.83	240.0	252.0	452.0	275.0	7.80	-
768	HALDIMAND	-	-	-	8/6/72	0.55	64.0	1310.0	2425.0	2200.0	-	1.50
777	HALDIMAND	-	-	-	8/6/72	1.00	247.0	1540.0	2286.0	2230.0	-	0.60
425	WATERLOO	-	-	-	29/9/78	0.40	242.0	265.0	460.0	310.0	7.60	-
1609	WATERLOO	-	-	-	22/9/78	0.50	225.0	266.0	510.0	350.0	7.20	-
1744	WATERLOO	-	-	-	22/9/78	<0.10	357.0	468.0	1430.0	880.0	7.20	-
2731	WATERLOO	-	-	-	20/9/78	<0.10	231.0	362.0	950.0	590.0	7.50	-
3211	WATERLOO	-	-	-	22/9/78	<0.10	186.0	1490.0	2280.0	2290.0	7.30	-
3975	WATERLOO	-	-	-	20/9/78	2.80	211.0	510.0	1500.0	1100.0	7.50	-
1761	WELLINGTON	-	-	-	19/9/78	<0.10	233.0	300.0	600.0	447.0	7.70	-
2186	WELLINGTON	-	-	-	19/9/78	<0.10	214.0	290.0	560.0	399.0	7.60	-
3327	WELLINGTON	-	-	-	20/9/78	1.20	195.0	1530.0	2450.0	2100.0	7.20	-
3436	WELLINGTON	-	-	-	19/9/78	0.90	212.0	246.0	470.0	319.0	7.70	-
3552	WELLINGTON	-	-	-	18/9/78	0.10	265.0	325.0	730.0	499.0	7.40	-
3995	WELLINGTON	-	-	-	20/9/78	0.60	192.0	145.0	350.0	215.0	7.80	-
4229	WELLINGTON	-	-	-	29/9/78	2.20	244.0	255.0	445.0	290.0	7.60	-
4342	WELLINGTON	-	-	-	19/9/78	0.30	284.0	408.0	840.0	692.0	7.20	-
4814	WELLINGTON	-	-	-	19/9/78	0.60	212.0	181.0	370.0	241.0	7.30	-
-	WELLINGTON	568233	4849270	17	-/6/93	-	200.0	305.0	500.0	-	7.70	-
1750	WENTWORTH	-	-	-	27/9/78	0.10	85.0	73.0	336.0	220.0	8.30	-
					# of samples	47	48	48	34	43	37	9
					mean	1.23	223.6	469.4	974.9	733.3	7.50	1.06
					minimum	0.01	23.0	73.0	336.0	215.0	6.60	0.40
					maximum	33.00	366.0	1960.0	4350.0	3405.0	8.30	1.70



## 12. Salina hydrogeologic unit (A) Page 1 of 6

MOORE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca) (mg)	MAGNE- SIUM (Mg) (mg)	SODIUM (Na) (mg)	POTAS- SIUM (K) (mg)	BICAR- BORATE (AS HCO3)	SULFATE (SO4)	CHLORIDE (CL)	NITRATE (NO3 as N)
59	BRANT	-	-	-	24/5/73	118.0	30.0	9.0	1.1	426.0	85.0	32.0	1.20
60	BRANT	-	-	-	24/5/73	114.0	29.0	10.0	2.4	284.0	152.0	26.0	3.40
160	BRANT	-	-	-	24/5/73	75.0	26.0	4.0	1.0	281.0	50.0	7.0	0.02
164	BRANT	-	-	-	-/5/64	55.0	26.0	6.0	-	-	4.0	4.0	-
169	BRANT	-	-	-	-/5/64	68.0	17.0	4.0	-	-	50.0	12.0	-
229	BRANT	-	-	-	-/5/64	223.0	57.0	150.0	-	-	1320.0	6.0	-
275	BRANT	-	-	-	-/5/64	546.0	43.0	366.0	-	-	2570.0	34.0	-
283	BRANT	-	-	-	6/7/73	528.0	112.0	68.0	5.5	92.0	1860.0	13.0	0.08
344	BRANT	-	-	-	-/5/64	70.0	20.0	17.0	-	-	50.0	18.0	-
392	BRANT	-	-	-	25/6/73	508.0	110.0	120.0	8.3	63.0	1860.0	47.0	0.01
429	BRANT	-	-	-	25/6/73	496.0	135.0	108.0	4.3	37.0	2000.0	13.0	0.04
452	BRANT	-	-	-	28/6/73	128.0	29.0	19.0	1.6	110.0	320.0	57.0	0.01
457	BRANT	-	-	-	-/5/64	93.0	26.0	24.0	-	-	132.0	21.0	-
460	BRANT	-	-	-	28/6/73	170.0	42.0	24.0	1.6	210.0	420.0	40.0	0.01
473	BRANT	-	-	-	29/6/73	452.0	87.0	14.0	1.3	201.0	1300.0	4.0	0.20
516	BRANT	-	-	-	29/6/73	43.0	35.0	33.0	8.5	267.0	120.0	39.0	20.00
830	BRANT	-	-	-	3/7/73	136.0	32.0	6.0	1.0	314.0	120.0	12.0	24.00
864	BRANT	-	-	-	3/7/73	98.0	15.0	27.0	3.3	223.0	135.0	21.0	0.13
879	BRANT	-	-	-	-/5/64	513.0	136.0	130.0	-	-	2175.0	40.0	-
1052	BRANT	-	-	-	5/7/73	76.0	27.0	5.0	1.0	318.0	45.0	4.0	0.02
1189	BRANT	-	-	-	26/7/73	130.0	39.0	8.0	2.1	381.0	180.0	6.0	1.10
1221	BRANT	-	-	-	26/7/73	492.0	144.0	139.0	11.0	62.0	2100.0	9.0	0.02
1232	BRANT	-	-	-	26/7/73	396.0	41.0	13.0	2.5	352.0	900.0	12.0	0.62
240	BRUCE	-	-	-	22/6/82	46.4	29.8	9.6	1.0	242.0	30.5	0.2	0.30
725	BRUCE	-	-	-	14/4/82	88.0	35.0	7.0	1.0	304.0	43.5	21.0	0.30
769	BRUCE	-	-	-	15/4/82	98.0	29.0	2.5	1.4	286.0	80.0	7.0	0.20

12. Salina hydrogeologic unit (A) Page 2 of 6

WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE-SIUM (Mg)	SODIUM (Na)	POTAS-SIUM (K)	BICAR-BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
1366	BRUCE	-	-	-	15/4/82	83.0	35.0	20.5	2.1	203.0	190.0	6.0	1.00
5336	GREY	-	-	-	22/7/80	67.0	26.0	4.0	1.0	252.0	15.0	5.0	1.10
5579	GREY	-	-	-	22/7/80	484.0	48.0	7.0	2.0	215.0	1160.0	11.0	0.13
1	HALDIMAND	-	-	-	9/11/72	512.0	39.0	15.0	3.4	315.0	1186.0	20.0	0.25
9	HALDIMAND	-	-	-	28/11/72	524.0	61.0	28.0	2.4	310.0	1330.0	33.0	0.05
30	HALDIMAND	-	-	-	18/7/72	576.0	184.0	140.0	5.6	234.0	2104.0	42.0	0.21
40	HALDIMAND	-	-	-	15/6/72	504.0	301.0	145.0	6.9	258.0	2323.0	12.0	<0.01
65	HALDIMAND	-	-	-	16/6/72	500.0	131.0	225.0	8.0	34.0	2000.0	95.0	0.01
218	HALDIMAND	-	-	-	6/6/72	540.0	180.0	391.0	8.7	54.0	2000.0	590.0	0.13
227	HALDIMAND	-	-	-	18/7/72	547.0	109.0	209.0	3.7	85.0	2079.0	36.0	<0.01
258	HALDIMAND	-	-	-	18/7/72	593.0	106.0	235.0	6.4	44.0	2209.0	43.0	0.01
311	HALDIMAND	-	-	-	15/6/72	524.0	165.0	102.0	4.2	178.0	1950.0	12.0	0.35
314	HALDIMAND	-	-	-	15/6/72	560.0	354.0	121.0	5.4	460.0	2525.0	14.0	0.01
364	HALDIMAND	-	-	-	8/6/72	588.0	104.0	41.0	6.8	357.0	1550.0	8.0	0.05
425	HALDIMAND	-	-	-	19/7/72	384.0	17.0	13.0	1.8	329.0	714.0	21.0	0.13
448	HALDIMAND	-	-	-	19/7/72	576.0	59.0	11.0	3.1	366.0	1259.0	14.0	4.20
634	HALDIMAND	-	-	-	17/7/72	264.0	19.0	24.0	2.8	332.0	425.0	35.0	2.00
677	HALDIMAND	-	-	-	19/7/72	492.0	36.0	8.1	2.0	341.0	1053.0	14.0	<0.01
752	HALDIMAND	-	-	-	28/11/72	224.0	68.0	14.0	2.9	423.0	407.0	25.0	7.00
763	HALDIMAND	-	-	-	8/6/72	508.0	122.0	318.0	28.0	230.0	1800.0	287.0	<0.01
788	HALDIMAND	-	-	-	17/7/72	656.0	209.0	139.0	4.5	266.0	2400.0	53.0	0.04
1292	HALDIMAND	-	-	-	18/7/72	569.0	162.0	217.0	6.3	90.0	1891.0	297.0	<0.010
1355	HALDIMAND	-	-	-	18/7/72	561.0	174.0	178.0	6.6	129.0	2269.0	29.0	0.06
1363	HALDIMAND	-	-	-	8/6/72	192.0	120.0	110.0	5.7	102.0	605.0	144.0	37.00
1471	HALDIMAND	-	-	-	28/11/72	576.0	58.0	23.0	4.4	310.0	1410.0	11.0	0.30
1506	HALDIMAND	-	-	-	19/7/72	466.0	23.0	5.6	2.4	268.0	1000.0	4.0	0.63

## 12. Salina hydrogeologic unit (A) Page 3 of 6

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
229	OXFORD	-	-	-	-/-/73	-	-	-	-	-	1100.0	4.0	-
403	OXFORD	-	-	-	28/09/78	76.0	19.0	4.0	3.8	-	58.0	6.0	8.00
431	WATERLOO	-	-	-	29/9/78	578.0	69.0	15.0	2.6	-	1480.0	1.0	<0.10
2624	WATERLOO	-	-	-	21/9/78	174.0	52.0	34.0	1.9	-	510.0	2.0	<0.10
2644	WATERLOO	-	-	-	20/9/78	550.0	97.0	17.0	2.7	-	1500.0	4.0	<0.10
3362	WATERLOO	-	-	-	21/9/78	180.0	35.0	12.0	1.5	-	400.0	2.0	<0.10
3396	WATERLOO	-	-	-	26/9/78	98.0	18.0	32.0	1.3	-	202.0	<1.0	<0.10
2	WELLINGTON	-	-	-	10/9/75	64.0	25.0	26.0	1.1	-	110.0	9.0	<0.10
1534	WELLINGTON	-	-	-	25/9/78	90.0	27.0	5.0	0.8	-	18.0	5.0	0.50
2233	WELLINGTON	-	-	-	20/9/78	65.0	29.0	18.0	1.1	-	100.0	3.0	<0.10
4868	WELLINGTON	-	-	-	20/9/78	39.0	17.0	24.0	0.5	-	5.0	1.0	<0.10
# of samples						62	62	62	55	45	63	63	55
mean						318.5	75.0	68.6	3.9	240.8	975.2	38.2	2.08
minimum						39.0	15.0	2.5	0.5	34.0	4.0	0.2	<0.01
maximum						656.0	354.0	391.0	28.0	460.0	2570.0	590.0	37.00

## 12. Salina hydrogeologic unit (B) Page 4 of 6

WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	PH (no units)	FLUORIDE (F)
59	BRANT	-	-	-	24/5/73	1.40	350.0	420.0	-	562.0	7.50	0.12
60	BRANT	-	-	-	24/5/73	0.15	233.0	404.0	-	499.0	7.60	0.10
160	BRANT	-	-	-	24/5/73	1.80	231.0	286.0	-	314.0	7.50	0.50
164	BRANT	-	-	-	-/5/64	2.30	255.0	246.0	-	260.0	7.90	-
169	BRANT	-	-	-	-/5/64	0.03	179.0	240.0	-	268.0	7.80	-
229	BRANT	-	-	-	-/5/64	0.90	89.0	816.0	-	1820.0	7.70	-
275	BRANT	-	-	-	-/5/64	0.69	221.0	1540.0	-	3702.0	7.90	-
283	BRANT	-	-	-	6/7/73	1.50	76.0	1780.0	2650.0	2645.0	7.40	1.40
344	BRANT	-	-	-	-/5/64	1.76	242.0	260.0	-	332.0	7.90	-
392	BRANT	-	-	-	25/6/73	1.60	52.0	1720.0	2900.0	2699.0	7.53	1.40
429	BRANT	-	-	-	25/6/73	0.70	31.0	1800.0	3000.0	2789.0	7.60	1.20
452	BRANT	-	-	-	28/6/73	2.90	91.0	440.0	900.0	623.0	7.40	0.50
457	BRANT	-	-	-	-/5/64	0.93	267.0	338.0	-	467.0	7.73	-
460	BRANT	-	-	-	28/6/73	3.20	173.0	600.0	1140.0	885.0	7.20	3.73
473	BRANT	-	-	-	29/6/73	0.85	165.0	1490.0	2150.0	1971.0	7.60	1.80
516	BRANT	-	-	-	29/6/73	0.05	219.0	368.0	880.0	509.0	7.90	0.10
830	BRANT	-	-	-	3/7/73	0.05	258.0	472.0	880.0	578.0	7.30	<0.10
864	BRANT	-	-	-	3/7/73	5.50	183.0	308.0	660.0	425.0	7.20	0.10
879	BRANT	-	-	-	-/5/64	0.34	58.0	1840.0	-	3039.0	7.80	-
1052	BRANT	-	-	-	5/7/73	0.65	261.0	300.0	550.0	325.0	7.50	<0.10
1189	BRANT	-	-	-	26/7/73	0.05	313.0	484.0	880.0	569.0	7.30	0.90
1221	BRANT	-	-	-	26/7/73	0.65	51.0	1840.0	3050.0	2942.0	7.50	2.60
1232	BRANT	-	-	-	26/7/73	2.00	289.0	1160.0	1800.0	1550.0	7.30	0.42
240	BRUCE	-	-	-	22/6 P2	0.33	242.0	238.4	-	286.0	-	-
725	BRUCE	-	-	-	14/4/82	0.26	304.0	365.0	-	440.0	-	-
769	BRUCE	-	-	-	15/4/82	0.12	286.0	363.0	-	400.0	-	-

## 12. Salina hydrogeologic unit (B) Page 5 of 6

WELL #	MOE	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
1366		BRUCE	-	-	-	15/4/82	0.08	203.0	351.0	-	490.0	-	-
5336		GREY	-	-	-	22/7/80	0.45	252.0	274.0	500.0	315.0	7.80	-
5579		GREY	-	-	-	22/7/80	3.00	215.0	1410.0	2020.0	2010.0	7.60	-
1		HALDIMAND	-	-	-	9/11/72	1.40	258.0	1440.0	-	2000.0	7.20	-
9		HALDIMAND	-	-	-	28/11/72	0.85	254.0	1560.0	-	2320.0	7.30	-
30		HALDIMAND	-	-	-	18/7/72	4.50	192.0	2200.0	3482.0	3570.0	7.10	-
40		HALDIMAND	-	-	-	15/6/72	4.50	212.0	2500.0	3889.0	3890.0	7.20	1.40
65		HALDIMAND	-	-	-	16/6/72	6.40	28.0	1790.0	3268.0	3230.0	7.10	1.40
218		HALDIMAND	-	-	-	6/6/72	0.75	45.0	2090.0	4800.0	4150.0	-	1.20
227		HALDIMAND	-	-	-	18/7/72	4.80	70.0	1820.0	3308.0	3350.0	7.80	-
258		HALDIMAND	-	-	-	18/7/72	0.50	36.0	1920.0	3527.0	3600.0	7.60	-
311		HALDIMAND	-	-	-	15/6/72	6.80	146.0	2000.0	3083.0	2970.0	7.10	1.40
314		HALDIMAND	-	-	-	15/6/72	3.90	377.0	2860.0	3872.0	4190.0	6.90	1.80
364		HALDIMAND	-	-	-	8/6/72	5.50	293.0	1900.0	2752.0	2660.0	-	0.70
425		HALDIMAND	-	-	-	19/7/72	0.20	270.0	1030.0	1647.0	1430.0	7.30	0.60
448		HALDIMAND	-	-	-	19/7/72	0.1E	300.0	1680.0	2407.0	2340.0	7.00	-
634		HALDIMAND	-	-	-	17/7/72	<0.05	272.0	740.0	1326.0	1060.0	7.30	0.10
677		HALDIMAND	-	-	-	19/7/72	3.8E	280.0	1380.0	2086.0	1950.0	7.30	-
752		HALDIMAND	-	-	-	28/11/72	<0.05	347.0	770.0	-	1030.0	7.30	-
763		HALDIMAND	-	-	-	8/6/72	2.90	189.0	1770.0	3888.0	3340.0	-	1.10
788		HALDIMAND	-	-	-	17/7/72	0.45	218.0	2500.0	3828.0	4150.0	7.30	1.40
1292		HALDIMAND	-	-	-	18/7/72	6.10	74.0	2100.0	3770.0	3500.0	7.30	-
1355		HALDIMAND	-	-	-	18/7/72	2.40	106.0	2120.0	3556.0	3640.0	7.50	-
1363		HALDIMAND	-	-	-	8/6/72	0.15	248.0	970.0	2167.0	1710.0	-	0.60
1471		HALDIMAND	-	-	-	28/11/72	0.25	254.0	1680.0	-	2440.0	7.20	-
1506		HALDIMAND	-	-	-	19/7/72	<0.05	220.0	1260.0	1930.0	1800.0	7.30	-

## 12. Salina hydrogeologic unit (B) Page 6 of 6

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	PH (no units)	FLOURIDE (F)
229	OXFORD	-	-	-	-/-/73	7.00	-	136.0	1950.0	-	-	-
403	OXFORD	-	-	-	28/09/78	<0.10	177.0	269.0	500.0	360.0	7.7	-
431	WATERLOO	-	-	-	29/9/78	3.70	171.0	1730.0	2300.0	2520.0	7.10	-
2624	WATERLOO	-	-	-	21/9/78	2.60	199.0	650.0	1300.0	1010.0	7.5	-
2644	WATERLOO	-	-	-	20/9/78	4.80	180.0	1780.0	2700.0	2650.0	7.10	-
3362	WATERLOO	-	-	-	21/9/78	0.60	210.0	596.0	1020.0	1170.0	7.50	-
3396	WATERLOO	-	-	-	26/9/78	0.20	165.0	320.0	680.0	485.0	7.7	-
2	WELLINGTON	-	-	-	10/9/75	<0.10	203.0	264.0	580.0	377.0	7.8	-
1534	WELLINGTON	-	-	-	25/9/78	<0.10	306.0	334.0	580.0	355.0	7.60	-
2233	WELLINGTON	-	-	-	20/9/78	1.50	210.0	283.0	560.0	390.0	7.70	-
4868	WELLINGTON	-	-	-	20/9/78	0.30	211.0	168.0	380.0	235.0	7.80	-
# of samples						63	62	63	45	62	54	37
mean						1.77	201.8	1110.5	2113.2	1735.6	7.46	0.88
minimum						0.03	28.0	168.0	380.0	235.0	6.90	<0.10
maximum						7.00	377.0	2860.0	4800.0	4190.0	7.90	2.60



MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
612	BRANT	-	-	-	28/6/73	70.0	20.0	7.0	4.3	275.0	46.0	6.0	0.19
639	BRANT	-	-	-	17/7/64	51.0	18.0	14.0	-	252.0	13.0	3.0	Trace
715	BRANT	-	-	-	27/6/73	82.0	28.0	3.0	25.0	354.0	35.0	6.0	6.60
728	BRANT	-	-	-	17/7/64	44.0	16.0	39.0	-	127.0	133.0	1.0	0.00
2122	BRUCE	-	-	-	29/7/59	-	-	-	-	-	-	5.0	-
2313	BRUCE	-	-	-	23/6/82	18.2	11.8	55.0	1.2	127.8	86.0	0.2	0.40
260	HALDIMAND	-	-	-	13/2/68	-	-	-	-	-	-	3.0	-
264	HALDIMAND	-	-	-	13/6/72	184.0	41.0	13.0	17.0	383.0	290.0	28.0	4.10
338	HALDIMAND	-	-	-	20/7/72	560.0	271.0	82.0	4.6	491.0	2197.0	9.0	0.02
343	HALDIMAND	-	-	-	13/6/72	360.0	48.0	49.0	2.3	300.0	850.0	66.0	<0.01
348	HALDIMAND	-	-	-	18/7/72	569.0	140.0	124.0	3.1	185.0	2050.0	24.0	0.10
443	HALDIMAND	-	-	-	14/6/72	624.0	36.0	9.0	2.2	304.0	1325.0	13.0	0.01
855	HALDIMAND	-	-	-	15/6/72	564.0	48.0	14.0	2.8	306.0	1275.0	17.0	0.01
1254	NORFOLK	-	-	-	19/5/76	52.0	27.0	7.0	1.3	261.0	24.0	4.0	0.10
1385	NORFOLK	-	-	-	19/5/76	114.0	63.0	48.0	1.9	433.0	130.0	44.0	21.00
200	OXFORD	-	-	-	-/-/73	-	-	-	-	-	12.0	3.0	-
1637	OXFORD	-	-	-	-/-/73	-	-	-	-	-	59.0	39.0	-
2038	WATERLOO	-	-	-	21/9/78	100.0	23.0	6.0	1.1	-	30.0	1.0	0.90
3230	WELLINGTON	-	-	-	26/9/78	50.0	20.0	15.0	0.8	-	5.0	<1.0	-
					# of samples	15	15	15	13	13	17	19	14
					mean	229.5	54.1	32.3	5.2	292.2	503.5	14.4	2.39
					minimum	18.2	11.8	3.0	0.8	127.0	5.0	0.2	<0.01
					maximum	624.0	271.0	124.0	25.0	491.0	2197.0	66.0	21.00



## 14. Bois Blanc hydrogeologic unit (B) Page 2 of 2

MOE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	ALKALINITY [AS CaCO <sub>3</sub> ]	TOTAL HARDNESS [AS CaCO <sub>3</sub> ]	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	PH (no units)	FLOURIDE (F)
637	BRANT	-	-	-	28/6/73	2.60	224.0	220.0	430.0	248.0	7.80	0.50
642	BRANT	-	-	-	17/7/64	1.45	180.0	230.0	350.0	268.0	7.80	-
686	BRANT	-	-	-	17/7/64	0.70	286.0	162.0	320.0	225.0	8.00	-
1412	BRANT	-	-	-	28/6/73	0.05	185.0	180.0	425.0	256.0	8.00	1.30
1482	BRUCE	-	-	-	24/6/82	1.02	288.4	275.5	-	331.0	-	-
125	HALDIMAND	-	-	-	13/6/72	0.30	299.0	1250.0	-	2110.0	7.30	0.40
138	HALDIMAND	-	-	-	18/7/72	0.40	308.0	1560.0	2133.0	1990.0	7.30	-
293	HALDIMAND	-	-	-	14/6/72	0.25	554.0	1390.0	2466.0	2070.0	7.00	1.10
298	HALDIMAND	-	-	-	20/7/72	<0.05	258.0	352.0	715.0	500.0	7.50	0.02
373	HALDIMAND	-	-	-	14/6/72	0.05	274.0	970.0	1575.0	1390.0	7.30	0.30
835	HALDIMAND	-	-	-	7/6/72	<0.05	373.0	530.0	947.0	640.0	-	0.80
866	HALDIMAND	-	-	-	15/6/72	2.28	63.0	1740.0	3124.0	3040.0	7.30	11.20
1199	HALDIMAND	-	-	-	12/6/72	0.75	314.0	590.0	1106.0	980.0	7.30	1.90
1347	HALDIMAND	-	-	-	18/7/72	5.30	368.0	980.0	1768.0	1430.0	7.80	-
1558	HALDIMAND	-	-	-	3/3/71	0.10	292.0	544.0	-	620.0	7.80	-
803	HURON	-	-	-	19/10/81	2.40	238.0	236.0	436.0	250.0	7.75	-
807	HURON	-	-	-	19/10/81	0.13	205.0	300.0	580.0	375.0	7.63	-
2354	HURON	-	-	-	19/10/81	0.27	286.0	338.0	610.0	375.0	7.57	-
1659	NORFOLK	-	-	-	30/6/65	0.95	-	242.0	420.0	348.0	7.90	-
1558	OXFORD	-	-	-	-/-/73	4.50	-	1136.0	1700.0	-	-	-
1705	OXFORD	-	-	-	10/7/64	0.61	206.0	196.0	350.0	-	7.90	-
932	PERTH	-	-	-	21/9/78	0.80	222.0	188.0	483.0	330.0	7.70	-
3233	WELLINGTON	-	-	-	26/9/78	1.40	217.0	189.0	400.0	250.0	7.80	-
					# of samples	23	21	23	20	21	20	9
					mean	1.14	268.6	599.9	1016.9	858.4	7.62	1.95
					minimum	<0.05	63.0	162.0	320.0	225.0	7.00	0.02
					maximum	5.30	554.0	1740.0	3124.0	3040.0	8.00	11.20

## 15. Detroit River Group hydrogeologic unit (A) Page 1 of 8

HOPE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
932	BRUCE	-	-	-	15/4/82	67.0	28.0	4.0	0.8	268.0	24.5	6.0	0.10
1023	BRUCE	-	-	-	15/4/82	62.0	22.0	7.0	2.0	256.0	7.5	7.0	0.10
1042	BRUCE	-	-	-	13/4/82	81.0	24.0	3.0	0.8	262.0	17.0	6.0	0.10
1424	BRUCE	-	-	-	14/4/82	94.0	31.0	3.5	1.0	296.0	37.0	11.0	7.30
1579	BRUCE	-	-	-	25/6/82	64.7	22.8	15.8	1.0	216.0	83.0	0.2	0.10
1594	BRUCE	-	-	-	25/6/82	64.8	18.0	8.5	0.5	195.6	68.0	0.2	0.10
1682	BRUCE	-	-	-	23/6/82	64.8	26.4	17.9	1.0	201.6	111.0	0.2	0.10
1713	BRUCE	-	-	-	14/4/82	50.0	26.0	24.5	0.3	231.4	12.0	0.2	0.10
1753	BRUCE	-	-	-	13/4/82	50.0	22.0	8.0	0.8	225.0	11.0	1.0	0.20
1769	BRUCE	-	-	-	13/4/82	41.0	26.0	11.0	0.9	220.0	11.0	1.0	0.10
2529	BRUCE	-	-	-	15/4/82	61.0	24.0	6.5	1.2	240.0	26.5	9.0	0.10
2624	BRUCE	-	-	-	14/4/82	20.0	10.0	54.0	1.0	124.0	78.5	3.0	0.20
3993	BRUCE	-	-	-	24/6/82	37.1	18.4	45.1	1.0	159.6	109.5	6.6	0.20
4001	BRUCE	-	-	-	23/6/82	82.5	25.3	20.9	1.4	270.6	34.0	38.0	0.20
4969	BRUCE	-	-	-	18/6/82	113.6	43.7	22.3	7.9	213.6	211.0	49.0	0.10
15	ESSEX	-	-	-	7/8/64	-	-	-	-	217.0	956.0	17.0	-
108	ESSEX	-	-	-	23/6/65	-	-	-	-	134.0	1580.0	138.0	-
259	ESSEX	-	-	-	13/7/70	320.0	190.0	44.0	3.6	146.0	1380.0	36.0	-
277	ESSEX	-	-	-	13/7/70	70.0	34.0	83.0	3.2	122.0	227.0	87.0	-
420	ESSEX	-	-	-	10/7/70	288.0	163.0	29.0	2.4	112.0	1200.0	7.0	-
542	ESSEX	-	-	-	10/7/70	50.0	7.0	8.0	11.0	156.0	26.0	6.0	-
1107	ESSEX	-	-	-	11/7/70	26.0	17.0	67.0	2.3	184.0	90.0	34.0	-
1379	ESSEX	-	-	-	15/7/70	114.0	86.0	38.0	2.9	200.0	395.0	73.0	-
2170	ESSEX	-	-	-	16/9/70	157.0	84.0	69.0	25.0	85.0	785.0	5.0	-
2251	ESSEX	-	-	-	14/7/70	976.0	518.0	2125.0	47.0	335.0	490.0	6820.0	-
91	HALDIMAND	-	-	-	15/6/72	336.0	502.0	217.0	16.0	456.0	2650.0	18.0	0.20

## 15. Detroit River Group hydrogeologic unit (A) Page 2 of 8

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
95	HALDIMAND	-	-	-	15/6/72	180.0	236.0	82.0	7.8	717.0	805.0	63.0	<0.01
303	HALDIMAND	-	-	-	14/6/72	128.0	32.0	26.0	5.1	293.0	81.0	57.0	9.20
349	HALDIMAND	-	-	-	14/6/72	140.0	160.0	78.0	3.7	646.0	587.0	33.0	<0.01
479	HALDIMAND	-	-	-	13/6/72	96.0	88.0	42.0	3.0	533.0	136.0	71.0	0.04
534	HALDIMAND	-	-	-	13/6/72	132.0	119.0	51.0	4.1	618.0	230.0	125.0	7.90
592	HALDIMAND	-	-	-	12/6/72	320.0	534.0	231.0	7.2	286.0	3100.0	65.0	<0.01
603	HALDIMAND	-	-	-	13/6/72	56.0	7.0	1.0	0.2	152.0	37.0	3.0	<0.01
604	HALDIMAND	-	-	-	12/6/72	180.0	109.0	63.0	5.3	610.0	500.0	5.0	0.02
876	HALDIMAND	-	-	-	13/6/72	108.0	141.0	82.0	5.2	857.0	215.0	41.0	3.00
885	HALDIMAND	-	-	-	13/6/72	68.0	14.0	9.0	10.0	219.0	47.0	16.0	1.70
998	HALDIMAND	-	-	-	20/7/72	76.0	25.0	30.0	6.9	214.0	114.0	58.0	0.31
1101	HALDIMAND	-	-	-	19/7/72	34.0	56.0	38.0	4.7	339.0	89.0	32.0	<0.01
1114	HALDIMAND	-	-	-	14/6/72	128.0	88.0	23.0	2.5	439.0	84.0	89.0	0.06
1130	HALDIMAND	-	-	-	19/7/72	125.0	76.0	56.0	2.7	612.0	220.0	28.0	0.01
1134	HALDIMAND	-	-	-	12/6/72	248.0	127.0	66.0	6.1	473.0	875.0	10.0	<0.01
1146	HALDIMAND	-	-	-	14/6/72	156.0	114.0	45.0	12.0	536.0	240.0	86.0	11.00
1177	HALDIMAND	-	-	-	3/3/71	-	-	-	-	556.0	77.0	85.0	-
1193	HALDIMAND	-	-	-	20/6/72	87.0	17.0	21.0	4.9	280.0	66.0	36.0	1.20
1220	HALDIMAND	-	-	-	20/7/72	176.0	15.0	4.5	1.4	412.0	148.0	17.0	3.10
1429	HALDIMAND	-	-	-	1/4/71	197.0	20.0	19.0	3.0	363.0	240.0	55.0	0.03
1561	HALDIMAND	-	-	-	3/3/71	-	-	-	-	527.0	185.0	46.0	-
1564	HALDIMAND	-	-	-	3/3/71	-	-	-	-	275.0	270.0	26.0	-
116	HURON	-	-	-	-/-/83	-	-	-	-	232.0	136.0	3.0	0.03
1645	HURON	-	-	-	20/10/81	35.0	42.0	10.0	0.7	229.0	11.0	18.0	4.70
2607	HURON	-	-	-	7/1/72	58.0	17.0	11.0	0.7	187.0	41.0	6.0	0.67
2721	HURON	-	-	-	3/4/84	88.0	29.0	-	-	-	90.0	5.0	0.03

15. Detroit River Group hydrogeologic unit (A) Page 3 of 8

WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE-SIUM (Mg)	SODIUM (Na)	POTAS-SIUM (K)	BICAR-BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
3950	HURON	-	-	-	20/10/81	28.8	19.0	24.0	1.2	193.0	5.0	1.0	0.10
2912	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	5.0	3.0	-
3028	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	15.0	12.0	-
1657	NORFOLK	-	-	-	17/7/64	35.0	25.0	19.0	-	266.0	7.0	1.0	Trace
1681	NORFOLK	-	-	-	17/7/64	22.0	12.0	20.0	-	164.0	8.0	2.0	<0.01
1707	NORFOLK	-	-	-	10/8/64	40.0	17.0	11.0	-	202.0	0.4	3.0	Trace
2385	NORFOLK	-	-	-	19/5/76	364.0	100.0	46.0	23.0	295.0	1100.0	60.0	<0.10
2643	NORFOLK	-	-	-	19/5/76	24.0	13.0	14.0	0.9	150.0	11.0	2.0	<0.10
1208	OXFORD	-	-	-	-/-/73	-	-	-	-	-	30.0	10.0	-
1261	OXFORD	-	-	-	10/7/64	64.0	14.0	11.0	-	283.0	10.0	2.0	<0.01
1440	OXFORD	-	-	-	-/-/73	-	-	-	-	-	27.0	16.0	-
1709	OXFORD	-	-	-	10/7/64	66.0	18.0	8.0	-	290.0	17.0	3.0	<0.01
1738	OXFORD	-	-	-	30/6/65	44.0	25.0	13.5	1.5	223.0	26.0	2.0	<0.01
1788	OXFORD	-	-	-	30/6/65	38.0	21.0	24.5	1.6	212.0	10.0	3.0	<0.01
2079	OXFORD	-	-	-	30/6/65	14.0	4.0	36.0	0.9	120.0	16.0	4.0	<0.01
2148	OXFORD	-	-	-	27/7/64	32.0	21.0	14.0	-	220.0	10.0	3.0	<0.01
2537	OXFORD	-	-	-	-/-/73	-	-	-	-	-	2.0	2.0	-
2594	OXFORD	-	-	-	-/-/73	-	-	-	-	-	5.0	2.0	-
2999	OXFORD	-	-	-	-/-/73	-	-	-	-	-	72.0	11.0	-
3760	OXFORD	-	-	-	-/-/73	-	-	-	-	-	12.0	3.0	-

## 15. Detroit River Group hydrogeologic unit (A) Page 4 of 8

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
336	PERTH	-	-	-	-/-/73	-	-	-	-	-	16.0	3.0	-
627	PERTH	-	-	-	-/-/73	-	-	-	-	-	36.0	7.0	-
887	PERTH	-	-	-	-/-/73	-	-	-	-	-	37.0	10.0	-
937	PERTH	-	-	-	-/-/73	-	-	-	-	-	168.0	9.0	-
1350	PERTH	-	-	-	-/-/73	-	-	-	-	-	850.0	4.0	-
					Number Of Samples	58	58	57	51	63	77	77	42
					Mean	118.6	74.2	73.0	5.1	297.8	282.1	112.2	1.25
					Minimum	14.0	4.0	1.0	0.2	85.0	0.4	0.2	<0.01
					Maximum	976.0	534.0	2125.0	47.0	857.0	3100.0	6820.0	11.00

15. Detroit River Group hydrogeologic unit (B) Page 5 of 8

WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
932	BRUCE	-	-	-	15/4/82	0.61	268.0	282.0	-	315.0	-	-
1003	BRUCE	-	-	-	15/4/82	0.47	256.0	244.0	-	265.0	-	-
1042	BRUCE	-	-	-	13/4/82	0.10	262.0	300.0	-	340.0	-	-
1424	BRUCE	-	-	-	14/4/82	0.05	296.0	362.0	-	405.0	-	-
1579	BRUCE	-	-	-	25/6/82	0.18	216.0	255.4	-	387.0	-	-
1594	BRUCE	-	-	-	25/6/82	4.03	195.6	236.0	-	336.0	-	-
1662	BRUCE	-	-	-	23/6/82	5.00	201.6	270.4	-	390.0	-	-
1713	BRUCE	-	-	-	14/4/82	0.09	231.4	245.0	-	267.0	-	-
1753	BRUCE	-	-	-	13/4/82	0.80	225.0	215.0	-	280.0	-	-
1769	BRUCE	-	-	-	13/4/82	0.27	220.0	207.0	-	270.0	-	-
2529	BRUCE	-	-	-	15/4/82	0.69	240.0	252.0	-	280.0	-	-
2624	BRUCE	-	-	-	14/4/82	0.30	124.0	94.0	-	265.0	-	-
3993	BRUCE	-	-	-	24/6/82	0.10	159.6	168.4	-	369.0	-	-
4001	BRUCE	-	-	-	23/6/82	1.50	270.6	309.9	-	410.0	-	-
4969	BRUCE	-	-	-	18/6/82	0.13	213.6	464.0	-	641.0	-	-
15	ESSEX	-	-	-	7/8/64	0.10	178.0	1048.0	-	-	7.40	-
108	ESSEX	-	-	-	23/6/65	0.54	110.0	1810.0	-	2930.0	7.20	-
259	ESSEX	-	-	-	13/7/70	5.00	120.0	1565.0	7781.0	2500.0	7.30	1.20
277	ESSEX	-	-	-	13/7/70	0.15	100.0	316.0	976.0	660.0	7.80	2.10
420	ESSEX	-	-	-	10/7/70	0.30	92.0	1400.0	2170.0	2200.0	7.30	1.80
542	ESSEX	-	-	-	10/7/70	1.10	128.0	152.0	365.0	290.0	7.40	0.40
1107	ESSEX	-	-	-	11/7/70	0.10	151.0	136.0	581.0	360.0	7.30	2.20
1379	ESSEX	-	-	-	15/7/70	0.10	164.0	616.0	1210.0	1090.0	7.60	0.10
2170	ESSEX	-	-	-	16/9/70	0.25	70.0	740.0	1566.0	1360.0	7.90	2.20
2251	ESSEX	-	-	-	14/7/70	9.25	275.0	4600.0	16171.0	13400.0	6.80	2.00
91	HALDIMAND	-	-	-	15/6/72	8.20	374.0	2920.0	4496.0	4870.0	7.30	1.40



## 15. Detroit River Group hydrogeologic unit (B) Page 6 of 8

MOE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLUORIDE (F)
95	HALDIMAND	-	-	-	15/6/72	0.95	578.0	1420.0	2296.0	1820.0	7.20	0.80
303	HALDIMAND	-	-	-	14/6/72	0.10	240.0	450.0	853.0	630.0	7.20	0.10
349	HALDIMAND	-	-	-	14/6/72	3.30	530.0	1010.0	-	2010.0	7.50	1.40
479	HALDIMAND	-	-	-	13/6/72	1.70	437.0	600.0	1280.0	940.0	7.30	0.90
534	HALDIMAND	-	-	-	13/6/72	<0.05	506.0	820.0	1740.0	1380.0	7.10	0.50
592	HALDIMAND	-	-	-	12/6/72	70.00	243.0	3120.0	-	5520.0	6.90	1.10
603	HALDIMAND	-	-	-	13/6/72	0.10	125.0	168.0	-	320.0	7.70	0.60
604	HALDIMAND	-	-	-	12/6/72	1.90	500.0	900.0	1649.0	1410.0	7.00	0.30
876	HALDIMAND	-	-	-	13/6/72	0.40	703.0	850.0	1740.0	1280.0	7.20	1.50
885	HALDIMAND	-	-	-	13/6/72	0.30	180.0	228.0	520.0	440.0	7.10	0.10
998	HALDIMAND	-	-	-	20/7/72	0.15	176.0	294.0	720.0	490.0	7.60	0.40
1101	HALDIMAND	-	-	-	19/7/72	3.30	278.0	316.0	773.0	470.0	8.20	0.60
1114	HALDIMAND	-	-	-	14/6/72	1.50	360.0	600.0	1077.0	740.0	7.40	0.50
1130	HALDIMAND	-	-	-	19/7/72	2.80	510.0	624.0	1289.0	870.0	7.30	0.60
1134	HALDIMAND	-	-	-	12/6/72	0.40	388.0	1150.0	2048.0	1830.0	7.10	1.60
1146	HALDIMAND	-	-	-	14/6/72	0.97	440.0	860.0	1480.0	1090.0	7.10	0.80
1177	HALDIMAND	-	-	-	3/3/71	1.70	456.0	664.0	-	730.0	7.40	-
1193	HALDIMAND	-	-	-	20/6/72	<0.05	230.0	290.0	678.0	430.0	7.43	0.40
1220	HALDIMAND	-	-	-	20/7/72	<0.05	338.0	500.0	906.0	640.0	7.40	0.70
1429	HALDIMAND	-	-	-	1/4/71	-	298.0	574.0	-	795.0	-	-
1561	HALDIMAND	-	-	-	3/3/71	6.10	432.0	772.0	-	860.0	7.60	-
1564	HALDIMAND	-	-	-	3/3/71	1.20	226.0	656.0	-	870.0	7.60	-
1116	HURON	-	-	-	-/-/83	0.17	232.0	317.0	-	-	7.55	-
1645	HURON	-	-	-	20/10/81	0.01	229.0	262.0	510.0	-	7.52	-
2607	HURON	-	-	-	7/1/72	2.80	187.0	212.0	400.0	330.0	7.83	-
2721	HURON	-	-	-	3/4/84	0.50	229.0	341.0	-	-	7.53	-

## 15. Detroit River Group hydrogeologic unit (B) Page 7 of 8

MOE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
3950	HURON	-	-	-	20/10/81	0.45	193.0	150.0	352.0	235.0	7.77	-
2912	MIDDLESEX	-	-	-	-/-/73	0.30	-	98.0	265.0	-	-	-
3028	MIDDLESEX	-	-	-	-/-/73	0.10	-	180.0	458.0	-	-	-
1657	NORFOLK	-	-	-	17/7/64	1.00	218.0	194.0	340.0	-	7.90	-
1681	NORFOLK	-	-	-	17/7/64	0.21	134.0	106.0	230.0	-	8.20	-
1707	NORFOLK	-	-	-	10/8/64	0.40	166.0	172.0	300.0	-	8.00	-
2385	NORFOLK	-	-	-	19/5/76	0.50	242.0	1320.0	2075.0	1980.0	7.30	1.00
2643	NORFOLK	-	-	-	19/5/76	0.10	123.0	112.0	255.0	166.0	8.00	0.40
1208	OXFORD	-	-	-	-/-/73	1.60	-	252.0	468.0	-	-	-
1261	OXFORD	-	-	-	10/7/64	1.37	232.0	220.0	370.0	-	7.70	-
1440	OXFORD	-	-	-	-/-/73	2.30	-	268.0	500.0	-	-	-
1709	OXFORD	-	-	-	10/7/64	1.30	238.0	242.0	390.0	-	7.70	-
1738	OXFORD	-	-	-	30/6/65	0.30	-	214.0	380.0	290.0	7.90	-
1788	OXFORD	-	-	-	30/6/65	0.40	-	184.0	370.0	332.0	8.10	-
2079	OXFORD	-	-	-	30/6/65	0.14	-	54.0	200.0	246.0	8.30	-
2148	OXFORD	-	-	-	27/7/64	0.50	180.0	168.0	280.0	-	7.90	-
2537	OXFORD	-	-	-	-/-/73	1.40	-	176.0	379.0	-	-	-
2594	OXFORD	-	-	-	-/-/73	0.85	-	188.0	385.0	-	-	-
2999	OXFORD	-	-	-	-/-/73	0.35	-	280.0	560.0	-	-	-
3760	OXFORD	-	-	-	-/-/73	0.20	-	-	495.0	-	-	-

## 15. Detroit River Group hydrogeologic unit (B) Page 8 of 8

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	PH (no unite)	FLOURIDE (F)
336	PERTH	-	-	-	-/-/73	<0.05	-	102.0	-	-	-	-
627	PERTH	-	-	-	-/-/73	1.80	-	320.0	560.0	-	-	-
887	PERTH	-	-	-	-/-/73	8.50	-	312.0	575.0	-	-	-
937	PERTH	-	-	-	-/-/73	0.35	-	308.0	700.0	-	-	-
1350	PERTH	-	-	-	-/-/73	0.20	-	1136.0	1620.0	-	-	-
# of sample						76	61	76	50	54	48	29
mean						2.15	261.0	578.4	1355.6	1185.6	7.52	0.96
minimum						<0.01	70.0	54.0	200.0	166.0	6.80	0.10
maximum						70.00	703.0	4600.0	16171.0	13400.0	8.30	2.20

16. Dundee hydrogeologic unit (A) Page 1 of 8

HOSE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca) (mg)	MAGNE- SIUM (Mg) (kg)	SODIUM (Na) (kg)	POTAS- SIUM (K) (kg)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
108	ELGIN	-	-	-	30/6/65	30.0	32.0	280.0	3.2	216.0	30.0	440.0	<0.10
191	ELGIN	-	-	-	30/6/65	35.0	24.0	105.0	1.8	316.0	174.0	30.0	<0.10
235	ELGIN	-	-	-	30/6/65	16.0	8.0	125.0	2.3	285.0	9.0	56.0	<0.10
284	ELGIN	-	-	-	30/6/65	52.0	35.0	195.0	5.3	341.0	83.0	202.0	<0.10
482	ELGIN	-	-	-	29/7/71	28.0	15.0	38.0	1.5	254.0	<5.0	8.0	<0.01
853	ELGIN	-	-	-	23/7/71	21.0	13.0	61.0	1.7	232.0	37.0	16.0	<0.01
960	ELGIN	-	-	-	28/7/71	98.0	20.0	44.0	8.9	237.0	74.0	83.0	8.00
59	ESSEX	-	-	-	7/7/70	212.0	101.0	104.0	3.4	187.0	820.0	106.0	-
1887	ESSEX	-	-	-	17/9/70	328.0	192.0	204.0	7.2	112.0	1410.0	373.0	-
2323	ESSEX	-	-	-	9/7/70	33.0	31.0	15.0	2.0	299.0	2.0	3.0	-
2441	ESSEX	-	-	-	9/7/70	18.0	7.0	67.0	1.3	211.0	2.0	36.0	-
2489	ESSEX	-	-	-	9/7/70	33.0	9.0	80.0	2.1	170.0	120.0	38.0	-
2527	ESSEX	-	-	-	-/-/73	-	-	-	-	-	4.0	257.0	-
2538	ESSEX	-	-	-	9/7/70	28.0	23.0	76.0	2.9	233.0	2.0	98.0	-
2539	ESSEX	-	-	-	9/7/70	72.0	48.0	244.0	5.4	234.0	2.0	527.0	-
2642	ESSEX	-	-	-	8/7/70	380.0	307.0	883.0	34.0	255.0	160.0	2660.0	-
2648	ESSEX	-	-	-	8/7/70	26.0	18.0	75.0	3.0	230.0	14.0	73.0	-
2911	ESSEX	-	-	-	17/9/70	56.0	32.0	116.0	2.5	156.0	330.0	29.0	-
2969	ESSEX	-	-	-	7/7/70	372.0	211.0	181.0	5.1	194.0	1430.0	348.0	-
2989	ESSEX	-	-	-	29/6/61	-	-	-	-	300.0	Trace	2050.0	-
3007	ESSEX	-	-	-	-/-/73	-	-	-	-	-	9.0	305.0	-
3039	ESSEX	-	-	-	29/6/61	-	-	-	-	-	459.0	242.0	-
922	HALDIMAND	-	-	-	20/7/72	120.0	77.0	148.0	5.3	600.0	381.0	246.0	0.01
934	HALDIMAND	-	-	-	14/7/66	-	-	-	-	-	-	449.0	-
1050	HALDIMAND	-	-	-	12/6/72	104.0	95.0	44.0	16.0	500.0	213.0	77.0	4.60
1056	HALDIMAND	-	-	-	19/7/72	200.0	112.0	178.0	15.0	375.0	813.0	192.0	<0.01

## 16. Dundee hydrogeologic unit (A) Page 2 of 8

MOPE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
1057	HALDIMAND	-	-	-	12/6/72	136.0	168.0	94.0	6.0	699.0	581.0	37.0	0.06
113	HURON	-	-	-	24/3/83	-	-	-	-	-	58.0	4.0	0.01
162	HURON	-	-	-	20/10/81	59.0	24.0	8.0	1.2	206.0	55.0	1.0	0.10
1022	HURON	-	-	-	09/10/81	48.0	20.0	32.0	1.2	222.0	47.0	2.0	0.10
1265	HURON	-	-	-	12/1/84	155.0	35.0	-	-	-	400.0	18.0	0.10
1451	HURON	-	-	-	26/10/77	101.0	41.0	74.0	1.6	165.0	380.0	18.0	<0.10
1555	HURON	-	-	-	-/-/80	-	-	-	-	230.0	65.0	3.0	<0.10
2090	HURON	-	-	-	-/08/68	-	-	-	-	-	-	-	-
2117	HURON	-	-	-	26/10/77	308.0	61.0	43.0	1.4	216.0	780.0	51.0	<0.10
2307	HURON	-	-	-	29/2/84	72.0	24.0	-	-	-	67.0	25.0	-
2421	HURON	-	-	-	07/10/81	49.0	24.0	26.0	0.9	220.0	26.0	24.0	0.12
2541	HURON	-	-	-	-/-/83	-	-	-	-	-	63.0	1.0	<0.10
3133	HURON	-	-	-	20/10/81	77.0	22.0	8.0	0.7	234.0	61.0	2.0	0.10
3567	HURON	-	-	-	08/10/81	87.0	24.0	58.0	1.0	269.0	150.0	2.0	0.01
3603	HURON	-	-	-	07/10/81	23.0	17.0	31.0	0.8	191.0	10.0	1.0	0.01
3795	HURON	-	-	-	05/01/84	74.0	27.0	-	-	-	61.0	18.0	2.95
3826	HURON	-	-	-	20/10/81	52.0	35.0	10.0	1.3	237.0	41.0	11.0	0.10
3877	HURON	-	-	-	20/10/81	46.0	28.0	14.0	1.3	225.0	36.0	1.0	0.10
4386	KENT	-	-	-	8/9/69	56.0	43.0	1538.0	19.0	256.0	5.0	2578.0	-
233	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	24.0	9.0	-
2219	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	20.0	1.0	-
2302	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	55.0	41.0	-
2429	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	65.0	10.0	-
3032	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	1.0	3.0	-
3033	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	17.0	3.0	-
3302	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	15.0	11.0	-

16. Dundee hydrogeologic unit (A) Page 3 of 8

III-55

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca) (Mg)	MAGNE- SIUM (Mg)	SODIUM (Na) (K)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
3424	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	1.0	3.0	-
3416	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	12.0	2.0	-
3745	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	2.0	1.0	-
3891	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	49.0	7.0	-
4097	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	8.0	-	-
4151	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	86.0	3.0	-
4193	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	20.0	2.0	-
4729	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	1.0	4.0	-
55	NORFOLK	-	-	-	19/5/76	48.0	20.0	110.0	5.8	266.0	25.0	133.0	0.70
584	NORFOLK	-	-	-	30/6/65	61.0	22.0	28.5	1.7	266.0	20.0	12.0	<0.10
685	NORFOLK	-	-	-	27/7/64	19.0	11.0	35.0	-	178.0	1.0	4.0	<0.10
741	NORFOLK	-	-	-	30/6/65	6.0	8.0	67.5	1.5	140.0	4.0	25.0	<0.10
869	NORFOLK	-	-	-	27/7/64	22.0	14.0	43.0	-	205.0	6.0	3.0	<0.10
940	NORFOLK	-	-	-	19/5/76	107.0	20.0	120.0	15.0	295.0	64.0	212.0	5.50
1081	NORFOLK	-	-	-	30/7/64	162.0	23.0	9.0	-	400.0	163.0	15.0	5.50
1224	NORFOLK	-	-	-	19/5/76	110.0	31.0	9.0	2.2	409.0	56.0	7.0	<0.10
1749	NORFOLK	-	-	-	27/7/64	22.0	13.0	33.0	-	193.0	5.0	2.0	0.00
1931	NORFOLK	-	-	-	19/5/76	50.0	21.0	54.0	2.7	266.0	2.0	68.0	<0.10
2026	NORFOLK	-	-	-	19/5/76	38.0	45.0	48.0	2.8	372.0	60.0	6.0	0.10
2145	NORFOLK	-	-	-	19/5/76	37.0	24.0	47.0	2.3	304.0	7.0	18.0	<0.10
652	OXFORD	-	-	-	30/6/65	26.0	15.0	47.5	1.5	172.0	34.0	6.0	<0.10
710	OXFORD	-	-	-	29/7/65	21.0	14.0	36.5	1.3	159.0	24.0	3.0	<0.10
1860	OXFORD	-	-	-	30/6/65	18.0	11.0	61.5	1.0	109.0	89.0	5.0	Trace
236	PERTH	-	-	-	-/-/73	-	-	-	-	-	212.0	2.0	-
719	PERTH	-	-	-	-/-/73	-	-	-	-	-	204.0	23.0	-



## 16. Dundee hydrogeologic unit (A) Page 4 of 8

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
2281	PERTH	-	-	-	-/-/73	-	-	-	-	-	51.0	20.0	-
					# of samples	51	51	48	44	52	75	76	29
					mean	85.3	45.0	123.8	4.6	264.7	142.1	174.9	1.00
					minimum	6.0	7.0	8.0	0.7	109.0	1.0	1.0	<0.01
					maximum	380.0	307.0	1538.0	34.0	699.0	1430.0	2660.0	8.00

16. Dundee hydrogeologic unit (B) Page 5 of 8

HOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
108	ELGIN	-	-	-	30/6/65	36.00	177.0	210.0	1490.0	1064.0	8.30	-
191	ELGIN	-	-	-	30/6/65	1.70	259.0	186.0	660.0	566.0	8.60	-
235	ELGIN	-	-	-	30/6/65	0.71	234.0	82.0	510.0	434.0	8.10	-
284	ELGIN	-	-	-	30/6/65	3.90	280.0	274.0	1150.0	784.0	8.00	-
482	ELGIN	-	-	-	29/7/71	0.55	208.0	132.0	380.0	160.0	7.90	1.00
853	ELGIN	-	-	-	23/7/71	0.20	190.0	106.0	425.0	220.0	8.30	1.30
960	ELGIN	-	-	-	28/7/71	0.05	194.0	328.0	778.0	500.0	7.30	0.20
59	ESSEX	-	-	-	7/7/70	0.75	153.0	950.0	2000.0	1660.0	8.10	1.80
1887	ESSEX	-	-	-	17/9/70	0.25	92.0	1620.0	3322.0	3000.0	7.30	1.60
2323	ESSEX	-	-	-	9/7/70	0.50	245.0	212.0	442.0	270.0	7.60	0.80
2441	ESSEX	-	-	-	9/7/70	0.10	173.0	74.0	435.0	270.0	7.80	1.60
2489	ESSEX	-	-	-	9/7/70	0.30	139.0	130.0	565.0	360.0	8.80	1.50
2527	ESSEX	-	-	-	-/-/73	0.05	-	288.0	228.0	-	-	-
2538	ESSEX	-	-	-	9/7/70	1.20	191.0	164.0	665.0	400.0	7.70	1.60
2539	ESSEX	-	-	-	9/7/70	1.10	192.0	380.0	2060.0	1330.0	7.70	1.00
2642	ESSEX	-	-	-	8/7/70	1.10	209.0	2230.0	8470.0	5800.0	7.40	1.10
2648	ESSEX	-	-	-	8/7/70	0.25	189.0	140.0	612.0	390.0	8.20	1.60
2911	ESSEX	-	-	-	17/9/70	0.20	128.0	274.0	1026.0	770.0	7.90	1.90
2969	ESSEX	-	-	-	7/7/70	2.50	159.0	1810.0	3480.0	3100.0	7.50	1.80
2989	ESSEX	-	-	-	29/6/61	0.08	246.0	1270.0	-	-	7.60	-
3007	ESSEX	-	-	-	-/-/73	<0.05	-	236.0	236.0	-	-	-
3039	ESSEX	-	-	-	29/6/61	0.16	376.0	580.0	-	-	7.30	-
922	HALDIMAND	-	-	-	26/7/72	79.00	492.0	760.0	1839.0	1140.0	7.90	1.20
934	HALDIMAND	-	-	-	14/7/66	0.73	438.0	820.0	-	-	7.50	1.40
1050	HALDIMAND	-	-	-	12/6/72	0.30	410.0	650.0	1388.0	1070.0	7.30	1.00
1056	HALDIMAND	-	-	-	19/7/72	2.30	308.0	960.0	2361.0	1800.0	7.80	1.90

## 16. Dundee hydrogeologic unit (B) Page 6 of 8

WELL #	COUNTY	UTH EASTING	UTH NORTHING	UTH ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Pp)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UHMO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLUORIDE (F)
1057	HALDIMAND	-	-	-	12/6/72	1.60	574.0	1030.0	1973.0	1710.0	7.20	0.40
1113	HURON	-	-	-	24/3/83	0.19	218.0	196.0	-	-	7.70	-
162	HURON	-	-	-	20/10/81	2.15	206.0	246.0	467.0	340.0	7.85	-
1022	HURON	-	-	-	09/10/81	0.77	222.0	202.0	475.0	300.0	8.00	-
1265	HURON	-	-	-	12/1/84	0.66	169.0	532.0	-	-	7.52	-
1451	HURON	-	-	-	26/10/77	3.20	165.0	420.0	1060.0	780.0	8.30	-
1555	HURON	-	-	-	-/-/80	0.07	230.0	240.0	-	-	7.60	-
2090	HURON	-	-	-	-/08/88	0.10	225.0	1020.0	-	-	7.50	-
2117	HURON	-	-	-	26/10/77	0.30	216.0	1020.0	1750.0	1570.0	8.20	-
2307	HURON	-	-	-	29/2/84	0.07	247.0	279.0	-	-	7.43	-
2421	HURON	-	-	-	07/10/81	0.23	220.0	226.0	530.0	303.0	7.79	-
2541	HURON	-	-	-	-/-/83	0.33	211.0	187.0	-	-	7.88	-
3133	HURON	-	-	-	20/10/81	3.25	234.0	284.0	530.0	355.0	7.69	-
3567	HURON	-	-	-	08/10/81	0.01	269.0	317.0	805.0	531.0	7.16	-
3603	HURON	-	-	-	07/10/81	1.40	191.0	128.0	374.0	213.0	7.88	-
3795	HURON	-	-	-	05/01/84	0.83	238.0	300.0	-	-	7.45	-
3826	HURON	-	-	-	20/10/81	0.94	237.0	272.0	520.0	355.0	7.44	-
3877	HURON	-	-	-	20/10/81	1.06	225.0	228.0	457.0	315.0	7.65	-
4386	KENT	-	-	-	8/9/69	1.50	210.0	319.0	7800.0	4430.0	8.20	1.60
233	MIDDLESEX	-	-	-	-/-/73	1.60	-	256.0	469.0	-	-	-
2219	MIDDLESEX	-	-	-	-/-/73	0.75	-	180.0	417.0	-	-	-
2302	MIDDLESEX	-	-	-	-/-/73	0.85	-	448.0	850.0	-	-	-
2429	MIDDLESEX	-	-	-	-/-/73	0.05	-	270.0	595.0	-	-	-
3032	MIDDLESEX	-	-	-	-/-/73	<0.05	-	56.0	295.0	-	-	-
3033	MIDDLESEX	-	-	-	-/-/73	0.10	-	102.0	340.0	-	-	-
3302	MIDDLESEX	-	-	-	-/-/73	0.10	-	80.0	350.0	-	-	-

16. Dundee hydrogeologic unit (B) Page 7 of 8

NOE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no unite)	FLOURIDE (F)
3424	MIDDLESEX	-	-	-	-/-/73	0.10	-	54.0	275.0	-	-	-
3616	MIDDLESEX	-	-	-	-/-/73	1.80	-	218.0	435.0	-	-	-
3745	MIDDLESEX	-	-	-	-/-/73	0.50	-	120.0	440.0	-	-	-
3891	MIDDLESEX	-	-	-	-/-/73	0.15	-	272.0	520.0	-	-	-
4097	MIDDLESEX	-	-	-	-/-/73	1.10	-	452.0	900.0	-	-	-
4151	MIDDLESEX	-	-	-	-/-/73	0.60	-	176.0	471.0	-	-	-
4193	MIDDLESEX	-	-	-	-/-/73	0.60	-	74.0	320.0	-	-	-
4729	MIDDLESEX	-	-	-	-/-/73	3.20	-	37.0	405.0	-	-	-
55	NORFOLK	-	-	-	19/5/76	0.95	218.0	204.0	870.0	524.0	7.90	2.20
584	NORFOLK	-	-	-	30/6/65	0.61	-	242.0	460.0	362.0	8.10	-
685	NORFOLK	-	-	-	27/7/64	0.39	146.0	92.0	250.0	-	8.10	-
741	NORFOLK	-	-	-	30/6/65	0.10	-	50.0	300.0	258.0	8.40	-
859	NORFOLK	-	-	-	27/7/64	0.35	168.0	110.0	260.0	-	8.00	-
940	NORFOLK	-	-	-	19/5/76	0.05	242.0	352.0	1230.0	742.0	7.60	1.30
1081	NORFOLK	-	-	-	30/7/64	0.90	328.0	500.0	550.0	-	7.80	-
1224	NORFOLK	-	-	-	19/5/76	0.05	335.0	404.0	700.0	416.0	7.30	0.30
1749	NORFOLK	-	-	-	27/7/64	0.69	158.0	108.0	250.0	-	8.10	-
1931	NORFOLK	-	-	-	19/5/76	6.60	218.0	212.0	600.0	338.0	7.70	1.90
2026	NORFOLK	-	-	-	19/5/76	0.15	305.0	292.0	650.0	396.0	7.60	1.80
2145	NORFOLK	-	-	-	19/5/76	1.20	249.0	190.0	510.0	356.0	8.20	2.80
652	OXFORD	-	-	-	30/6/65	0.20	-	130.0	340.0	290.0	8.10	-
710	OXFORD	-	-	-	29/7/65	0.18	-	110.0	290.0	492.0	8.30	-
1860	OXFORD	-	-	-	30/6/65	1.50	-	86.0	380.0	272.0	8.50	-
236	PERTH	-	-	-	-/-/73	0.25	-	516.0	900.0	-	-	-
709	PERTH	-	-	-	-/-/73	<0.05	-	460.0	840.0	-	-	-

## 16. Dundee hydrogeologic unit (B) Page 8 of 8

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no unite)	FLOURIDE (F)
2281	PERTH	-	-	-	-/-/73	<0.05	-	336.0	645.0	-	-	-
					# of samples	78	53	78	68	44	58	26
					mean	2.25	236.9	378.2	1005.4	925.8	7.81	1.41
					minimum	0.01	92.0	37.0	228.0	160.0	7.16	0.20
					maximum	79.00	574.0	2230.0	8470.0	5800.0	8.60	2.80

## 17. Hamilton Group hydrogeologic unit (A) Page 1 OF 2

WELL #	MODE	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
38		ELGIN	-	-	-	20/7/71	93.0	22.0	183.0	135.0	0.7	61.0	358.0	3.10
413		ELGIN	-	-	-	27/7/71	18.0	12.0	241.0	5.4	449.0	<5.0	201.0	<0.01
2480		KENT	-	-	-	1/4/65	-	-	-	-	-	0.0	1335.0	-
3798		KENT	-	-	-	-/-/73	-	-	-	-	-	35.0	32.0	-
3918		KENT	-	-	-	-/-/73	-	-	-	-	-	3.0	967.0	-
3979		KENT	-	-	-	9/9/69	17.0	7.0	213.0	3.2	277.0	1.0	215.0	-
753	MIDDLESEX		-	-	-	-/-/73	-	-	-	-	-	2.0	416.0	-
876	MIDDLESEX		-	-	-	-/-/73	-	-	-	-	-	2.0	11.0	-
2714	MIDDLESEX		-	-	-	-/-/73	-	-	-	-	-	3.0	33.0	-
5313	MIDDLESEX		-	-	-	-/-/73	-	-	-	-	-	1100.0	497.0	-
507	HORFOLK		-	-	-	19/5/76	104.0	18.0	8.0	3.8	288.0	85.0	11.0	1.20
						# of samples	4	4	4	4	4	10	11	3
						mean	58.0	14.8	161.3	36.9	253.7	31.0	350.4	1.44
						minimum	17.0	7.0	8.0	3.2	0.7	1.0	11.0	<0.01
						maximum	104.0	22.0	241.0	135.0	449.0	85.0	967.0	3.10



## 17. Hamilton Group hydrogeologic unit (B) Page 2 of 2

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
38	ELGIN	-	-	-	20/7/71	3.40	312.0	324.0	1635.0	1000.0	7.30	0.30
413	ELGIN	-	-	-	27/7/71	3.00	368.0	92.0	1236.0	720.0	8.30	1.90
2480	KENT	-	-	-	1/4/65	1.37	272.0	236.0	-	-	7.80	1.10
3798	KENT	-	-	-	-/-/73	0.15	-	134.0	345.0	-	-	-
3918	KENT	-	-	-	-/-/73	1.20	-	164.0	3340.0	-	-	-
3979	KENT	-	-	-	9/9/69	0.60	227.0	73.0	1090.0	610.0	8.10	1.50
753	MIDDLESEX	-	-	-	-/-/73	0.15	-	188.0	1560.0	-	-	-
876	MIDDLESEX	-	-	-	-/-/73	0.10	-	20.0	355.0	-	-	-
2714	MIDDLESEX	-	-	-	-/-/73	0.30	-	44.0	460.0	-	-	-
5313	MIDDLESEX	-	-	-	-/-/73	3.30	-	1220.0	3550.0	-	-	-
507	NORFOLK	-	-	-	19/5/76	0.05	236.0	336.0	630.0	396.0	7.20	0.10
					# of samples	11	5	11	10	4	5	5
					mean	1.65	285.8	197.8	1586.2	681.5	7.73	0.95
					minimum	0.05	227.0	73.0	630.0	396.0	7.20	0.10
					maximum	3.40	368.0	336.0	3340.0	1000.0	8.30	1.90

## 18. Kettle Point hydrogeologic unit (A) Page 1 of 2

MOE WELL #	COUNTY	UTH EASTING	UTH NORTHING	UTH ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
536	KENT	-	-	-	15/9/69	35.0	12.0	168.0	4.6	536.0	1.0	58.0	-
788	KENT	-	-	-	-/-/73	-	-	-	-	-	3.0	62.0	-
1043	KENT	-	-	-	16/9/69	9.0	5.0	160.0	1.6	404.0	1.0	49.0	-
1840	KENT	-	-	-	17/9/69	51.0	27.0	2115.0	11.4	634.0	1.0	3168.0	-
1917	KENT	-	-	-	2/4/65	-	-	-	-	-	-	148.0	-
2063	KENT	-	-	-	18/9/69	67.0	22.0	28.0	4.3	206.0	82.0	47.0	-
2116	KENT	-	-	-	2/4/65	-	-	-	-	-	-	65.0	-
2377	KENT	-	-	-	18/9/69	14.0	7.0	193.0	1.7	396.0	1.0	122.0	-
2627	KENT	-	-	-	16/11/60	-	-	-	-	-	-	181.0	-
2635	KENT	-	-	-	16/11/60	-	-	-	-	-	-	99.0	-
2668	KENT	-	-	-	16/11/60	-	-	-	-	-	-	336.0	-
2711	KENT	-	-	-	-/-/73	-	-	-	-	-	-	228.0	-
2741	KENT	-	-	-	10/9/69	7.0	3.0	208.0	4.8	251.0	1.0	203.0	-
3026	KENT	-	-	-	-/-/73	-	-	-	-	-	57.0	71.0	-
3215	KENT	-	-	-	-/-/73	-	-	-	-	-	3.0	213.0	-
3383	KENT	-	-	-	-/-/73	-	-	-	-	-	2.0	101.0	-
3434	KENT	-	-	-	4/4/67	-	-	-	-	-	-	33.0	-
3479	KENT	-	-	-	5/4/67	-	-	-	-	-	-	102.0	-
3502	KENT	-	-	-	-/-/73	-	-	-	-	-	2.0	75.0	-
3610	KENT	-	-	-	-/-/73	-	-	-	-	-	2.0	29.0	-
4376	KENT	-	-	-	-/-/73	-	-	-	-	-	2.0	26.0	-
5090	KENT	-	-	-	-/-/73	-	-	-	-	-	2.0	344.0	-
Number Of Samples					6	6	6	6	6	6	14	22	0
Mean					30.8	12.7	478.7	4.7	404.5	11.4	11.4	116.8	-
Minimum					7.0	3.0	28.0	1.6	206.0	1.0	1.0	26.0	-
Maximum					67.0	27.0	2115.0	11.4	634.0	82.0	82.0	3168.0	-

## 18. Kettle Point hydrogeologic unit (B) Page 2 of 2

NOE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCT. (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
536	KENT	-	-	-	15/9/69	3.50	440.0	138.0	925.0	570.0	7.70	0.70
788	KENT	-	-	-	-/-/73	0.25	-	40.0	850.0	-	-	-
1043	KENT	-	-	-	16/9/69	0.70	331.0	-	-	-	-	-
1840	KENT	-	-	-	17/9/69	1.60	520.0	244.0	9780.0	5530.0	7.60	0.80
1917	KENT	-	-	-	2/4/65	0.29	273.0	57.0	-	-	8.10	1.30
2063	KENT	-	-	-	18/9/69	0.35	169.0	260.0	613.0	400.0	7.70	0.30
2116	KENT	-	-	-	2/4/65	0.75	297.0	44.0	-	-	8.00	1.40
2377	KENT	-	-	-	18/9/69	1.25	325.0	64.0	970.0	570.0	7.80	1.00
2627	KENT	-	-	-	16/11/60	1.12	288.0	161.0	-	-	7.60	-
2635	KENT	-	-	-	16/11/60	0.22	214.0	66.0	-	-	8.10	-
2668	KENT	-	-	-	16/11/60	0.26	242.0	47.0	-	-	8.20	-
2711	KENT	-	-	-	-/-/73	-	-	99.0	1160.0	-	-	-
2741	KENT	-	-	-	10/9/69	1.45	206.0	31.0	1030.0	480.0	8.30	1.60
3026	KENT	-	-	-	-/-/73	0.55	-	312.0	1030.0	-	-	-
3215	KENT	-	-	-	-/-/73	1.20	-	56.0	1100.0	-	-	-
3383	KENT	-	-	-	-/-/73	0.20	-	64.0	740.0	-	-	-
3434	KENT	-	-	-	4/4/67	0.80	160.0	52.0	-	-	8.40	-
3479	KENT	-	-	-	5/4/67	0.72	193.0	78.0	-	-	8.00	-
3502	KENT	-	-	-	-/-/73	0.75	-	87.0	669.0	-	-	-
3610	KENT	-	-	-	-/-/73	0.35	-	44.0	405.0	-	-	-
4376	KENT	-	-	-	-/-/73	0.40	-	49.0	390.0	-	-	-
5090	KENT	-	-	-	-/-/73	0.50	-	86.0	1390.0	-	-	-
# of samples						21	13	21	14	5	12	7
mean						0.82	279.8	99.0	1503.7	1506.0	7.96	1.01
minimum						0.20	160.0	31.0	390.0	400.0	7.60	0.30
maximum						3.50	520.0	312.0	9780.0	5530.0	8.40	1.60



**APPENDIX IV**

**WATER QUALITY DATA**

**FOR**

**OVERBURDEN WELLS**





## **Areas where various overburden deposits outcrop at surface.**

1.	Catfish Creek Till	IV - 2
2.	Port Stanley Till	IV - 3
3.	Tavistock Till	IV - 10
4.	Mornington Till	IV - 13
5.	Elma Till	IV - 14
6.	Rannoch Till	IV - 15
7.	Newmarket Till	IV - 17
8.	Wentworth Till	IV - 20
9.	Halton Till	IV - 21
10.	Kettleby Till	IV - 28
11.	St. Joseph Till	IV - 29
12.	Unit 19 (Undifferentiated sandy-silt to silt till)	IV - 30
13.	Unit 21 (Undifferentiated silty-clay to silt till)	IV - 32
14.	Ice-contact deposits	IV - 33
15.	Outwash deposits	IV - 44
16.	Glaciolacustrine sand and gravel deposits	IV - 45
17.	Glaciomarine and marine sand and gravel deposits	IV - 60
18.	Glaciolacustrine silt and clay deposits	IV - 61
19.	Glaciomarine and marine silt and clay deposits	IV - 68



## 1. Catfish Creek Till (A,B)

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
2782	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	13.0	5.0	-
2787	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	22.0	18.0	-
2797	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	37.0	9.0	-
4082	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	48.0	162.0	-
					# of samples	0	0	0	0	0	4	4	0
					mean	-	-	-	-	-	30.0	48.5	-
					minimum	-	-	-	-	-	13.0	5.0	-
					maximum	-	-	-	-	-	48.0	162.0	-

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS (no units)	PH (no units)	FLOURIDE (F)
2782	MIDDLESEX	-	-	-	-/-/73	0.55	-	158.0	375.0	-	-	-
2787	MIDDLESEX	-	-	-	-/-/73	1.10	-	220.0	460.0	-	-	-
2797	MIDDLESEX	-	-	-	-/-/73	1.70	-	264.0	570.0	-	-	-
4082	MIDDLESEX	-	-	-	-/-/73	0.05	-	464.0	980.0	-	-	-
					# of samples	4	0	4	4	0	0	0
					mean	0.85	-	276.5	596.3	-	-	-
					minimum	0.05	-	158.0	375.0	-	-	-
					maximum	1.70	-	464.0	980.0	-	-	-

2. Port Stanley Till (A) Page 1 of 7

IV-3

NCE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
668	BRANT	-	-	-	28/6/73	32.0	33.0	16.0	1.4	269.0	30.0	4.0	0.07
994	BRANT	-	-	-	5/7/73	89.0	25.0	5.0	1.0	362.0	30.0	9.0	0.02
1076	BRANT	-	-	-	5/7/73	67.0	27.0	10.0	1.0	317.0	38.0	5.0	0.20
19	ELGIN	-	-	-	13/10/71	19.0	7.0	89.0	1.0	150.0	1.0	107.0	-
24	ELGIN	-	-	-	13/10/70	8.0	7.0	231.0	1.8	201.0	2.0	280.0	<0.01
134	ELGIN	-	-	-	15/7/65	20.0	8.0	85.0	1.8	314.0	0.0	17.0	<0.01
145	ELGIN	-	-	-	15/7/65	89.0	14.0	36.0	1.6	290.0	41.0	4.0	Trace
178	ELGIN	-	-	-	29/7/71	110.0	15.0	4.0	1.7	334.0	43.0	11.0	2.70
337	ELGIN	-	-	-	15/7/65	90.0	22.0	5.4	1.1	334.0	40.0	5.0	<0.01
338	ELGIN	-	-	-	28/7/71	92.0	22.0	6.0	1.0	332.0	42.0	7.0	0.02
374	ELGIN	-	-	-	21/7/71	30.0	21.0	129.0	4.1	251.0	<5	178.0	<0.01
382	ELGIN	-	-	-	21/7/71	56.0	26.0	222.0	1.8	112.0	<5	450.0	<0.01
461	ELGIN	-	-	-	7/7/71	29.0	20.0	43.0	1.1	223.0	44.0	3.0	0.23
528	ELGIN	-	-	-	29/7/71	18.0	11.0	50.0	11.0	237.0	<5	5.0	0.67
612	ELGIN	-	-	-	29/7/71	46.0	-	86.0	1.7	435.0	<5	25.0	<0.01
637	ELGIN	-	-	-	18/1/56	21.0	-	-	-	300.0	-	-	-
661	ELGIN	-	-	-	22/10/64	-	-	-	-	210.0	<0.1	2.0	-
681	ELGIN	-	-	-	27/7/71	10.0	4.0	39.0	0.6	149.0	<5	4.0	0.01
683	ELGIN	-	-	-	22/10/64	-	-	-	-	217.0	7.0	2.0	-
688	ELGIN	-	-	-	8/7/71	23.0	14.0	33.0	1.0	198.0	32.0	2.0	0.02
695	ELGIN	-	-	-	23/10/64	-	-	-	-	163.0	<1.0	4.0	-
749	ELGIN	-	-	-	6/7/71	47.0	18.0	24.0	2.1	250.0	21.0	14.0	0.13
762	ELGIN	-	-	-	15/3/62	-	-	-	-	215.0	-	127.0	-
791	ELGIN	-	-	-	22/7/71	34.0	12.0	129.0	1.1	178.0	23.0	227.0	0.02
800	ELGIN	-	-	-	24/7/71	11.0	6.0	103.0	1.8	261.0	<5	43.0	<0.01
861	ELGIN	-	-	-	15/3/62	-	-	-	-	117.0	-	57.0	-

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
869	ELGIN	-	-	-	23/7/71	33.0	11.0	100.0	0.9	102.0	182.0	48.0	0.07
872	ELGIN	-	-	-	23/7/71	12.0	4.0	74.0	0.8	127.0	35.0	42.0	0.07
975	ELGIN	-	-	-	27/4/72	104.0	17.0	-	-	354.0	140.0	20.0	12.00
1030	ELGIN	-	-	-	26/7/71	84.0	16.0	5.0	0.9	254.0	64.0	6.0	<0.01
1198	ELGIN	-	-	-	26/7/71	9.0	4.0	85.0	1.4	227.0	<5	2424.0	<0.01
1208	ELGIN	-	-	-	6/7/71	55.0	17.0	12.0	1.4	276.0	<5	3.0	<0.01
1213	ELGIN	-	-	-	27/7/71	94.0	46.0	86.0	3.3	734.0	<5	20.0	-
1214	ELGIN	-	-	-	26/7/71	15.0	15.0	44.0	0.9	202.0	17.0	9.0	0.01
1215	ELGIN	-	-	-	26/7/71	14.0	11.0	46.0	0.9	188.0	15.0	7.0	0.18
1253	ELGIN	-	-	-	22/10/64	-	-	-	-	175.0	23.0	3.0	-
1255	ELGIN	-	-	-	22/10/64	-	-	-	-	222.0	11.0	Trace	-
1257	ELGIN	-	-	-	22/10/64	-	-	-	-	227.0	<0.1	9.0	-
1268	ELGIN	-	-	-	23/10/64	-	-	-	-	241.0	2.0	2.0	0.25
1320	ELGIN	-	-	-	26/7/71	71.0	15.0	6.0	1.1	285.0	9.0	4.0	<0.01
1348	ELGIN	-	-	-	18/1/56	26.0	30.0	-	-	270.0	-	-	-
1862	ELGIN	-	-	-	18/1/56	12.0	12.0	-	-	300.0	-	-	-
511	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	30.0	10.0	-
3602	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	21.0	3.0	-
3655	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	12.0	2.0	-
3667	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	4.0	1.0	-
4440	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	48.0	15.0	-
4803	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	58.0	3.0	-
5280	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	57.0	10.0	-
732	NORFOLK	-	-	-	19/5/76	57.0	14.0	7.0	0.9	231.0	10.0	4.0	<0.10
1673	NORFOLK	-	-	-	19/2/65	101.0	24.0	9.0	-	366.0	41.0	22.0	4.00
1673	NORFOLK	-	-	-	17/7/64	136.0	39.0	11.0	-	403.0	42.0	36.0	10.00

MOE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
1687	NORFOLK	-	-	-	19/5/76	57.0	24.0	8.0	1.0	276.0	18.0	4.0	0.10
1698	NORFOLK	-	-	-	27/7/64	75.0	25.0	5.8	-	320.0	39.0	2.0	<0.01
629	OXFORD	-	-	-	-/-/73	-	-	-	-	-	12.0	2.0	-
650	OXFORD	-	-	-	29/7/65	21.0	15.0	45.5	1.8	188.0	39.0	5.0	0.15
681	OXFORD	-	-	-	29/7/65	46.0	80.0	8.0	1.9	312.0	89.0	23.0	5.00
694	OXFORD	-	-	-	29/7/65	28.0	12.0	68.0	1.2	79.0	166.0	5.0	<0.01
707	OXFORD	-	-	-	29/7/65	55.0	57.0	13.5	1.8	206.0	147.0	47.0	0.15
711	OXFORD	-	-	-	29/7/65	18.0	15.0	33.0	1.2	169.0	13.0	3.0	<0.01
803	OXFORD	-	-	-	29/7/65	11.0	12.0	63.0	2.2	165.0	35.0	7.0	0.25
1123	OXFORD	-	-	-	28/9/78	29.0	23.0	21.0	1.3	-	15.0	<1	4.30
1219	OXFORD	-	-	-	10/7/64	65.0	18.0	12.0	-	288.0	25.0	2.0	<0.01
1238	OXFORD	-	-	-	10/7/64	52.0	20.0	14.0	-	288.0	4.0	3.0	<0.01
1260	OXFORD	-	-	-	10/7/64	24.0	12.0	39.0	-	181.0	41.0	3.0	<0.01
1707	OXFORD	-	-	-	10/7/64	38.0	11.0	48.0	-	242.0	143.0	2.0	<0.01
1734	OXFORD	-	-	-	29/7/65	18.0	49.0	8.0	1.6	355.0	44.0	5.0	<0.01
1741	OXFORD	-	-	-	17/7/64	42.0	18.0	18.0	-	237.0	16.0	1.0	<0.01
1821	OXFORD	-	-	-	29/7/65	50.0	19.0	48.0	1.8	170.0	83.0	29.0	<0.01
1844	OXFORD	-	-	-	29/7/65	18.0	18.0	16.5	1.8	176.0	10.0	3.0	<0.01
2025	OXFORD	-	-	-	20/7/65	80.0	19.0	4.6	1.2	252.0	34.0	6.0	<0.01
2049	OXFORD	-	-	-	20/7/65	33.0	100.0	30.5	47.5	371.0	127.0	89.0	1.30
2147	OXFORD	-	-	-	30/7/64	71.0	25.0	4.4	-	302.0	13.0	1.0	<0.01
950	PEEL	-	-	-	1/8/90	85.0	-	3.9	-	-	14.9	5.2	2.20
1087	WATERLOO	-	-	-	22/9/78	101.0	22.0	21.0	5.0	-	34.0	42.0	11.00
1515	WATERLOO	-	-	-	20/9/78	91.0	28.0	13.0	1.1	-	55.0	35.0	<0.10
3181	WATERLOO	-	-	-	20/9/78	143.0	34.0	14.0	4.5	-	73.0	30.0	36.00
3517	WELLINGTON	-	-	-	25/9/79	80.0	16.0	2.0	0.7	-	24.0	3.0	<0.10



## 2. Port Stanley Till (B) Page 4 of 7

WELL #	MOE	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Pp)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
668		BRANT	-	-	-	28/6/73	0.05	221.0	216.0	450.0	467.0	8.10	0.90
994		BRANT	-	-	-	5/7/73	3.00	297.0	326.0	590.0	350.0	7.30	<0.1
1076		BRANT	-	-	-	5/7/73	<0.5	260.0	280.0	520.0	315.0	7.70	<0.1
18		ELGIN	-	-	-	13/10/71	1.10	123.0	76.0	-	320.0	8.20	-
24		ELGIN	-	-	-	13/10/70	0.65	165.0	48.0	-	670.0	8.40	-
134		ELGIN	-	-	-	15/7/65	3.90	257.0	82.0	410.0	326.0	8.20	-
145		ELGIN	-	-	-	15/7/65	0.52	238.0	280.0	450.0	336.0	7.70	-
178		ELGIN	-	-	-	29/7/71	0.10	274.0	336.0	583.0	390.0	7.60	0.10
337		ELGIN	-	-	-	15/7/65	1.30	274.0	314.0	495.0	362.0	7.60	-
338		ELGIN	-	-	-	28/7/71	1.10	272.0	320.0	557.0	360.0	7.50	0.10
374		ELGIN	-	-	-	21/7/71	0.45	206.0	162.0	904.0	490.0	7.90	1.10
382		ELGIN	-	-	-	21/7/71	0.25	92.0	248.0	1500.0	1000.0	7.90	0.70
461		ELGIN	-	-	-	7/7/71	0.15	183.0	154.0	453.0	300.0	7.80	1.20
528		ELGIN	-	-	-	29/7/71	0.55	194.0	88.0	352.0	220.0	8.30	1.20
612		ELGIN	-	-	-	29/7/71	3.20	357.0	186.0	682.0	340.0	7.50	0.60
637		ELGIN	-	-	-	18/1/56	-	246.0	174.0	-	-	7.70	-
661		ELGIN	-	-	-	22/10/64	0.51	172.0	96.0	-	-	8.00	-
681		ELGIN	-	-	-	27/7/71	0.15	122.0	44.0	229.0	130.0	8.30	1.30
693		ELGIN	-	-	-	22/10/64	0.41	178.0	134.0	-	-	8.10	-
688		ELGIN	-	-	-	8/7/71	0.45	162.0	112.0	334.0	210.0	8.20	1.20
695		ELGIN	-	-	-	23/10/64	0.29	134.0	64.0	-	-	8.30	-
749		ELGIN	-	-	-	6/7/71	0.10	205.0	190.0	450.0	300.0	7.80	0.90
762		ELGIN	-	-	-	15/3/62	0.60	176.0	72.0	-	-	8.20	-
791		ELGIN	-	-	-	22/7/71	0.35	64.0	134.0	888.0	490.0	7.90	1.20
800		ELGIN	-	-	-	24/7/71	0.55	214.0	52.0	508.0	270.0	8.30	1.50
861		ELGIN	-	-	-	15/3/62	1.08	96.0	114.0	-	500.0	7.90	-

## 2. Port Stanley Till (B) page 5 of 7

HOPE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
869	ELGIN	-	-	-	23/7/71	1.20	84.0	126.0	689.0	420.0	8.10	1.10
872	ELGIN	-	-	-	23/7/71	0.10	104.0	46.0	412.0	208.0	8.30	1.40
975	ELGIN	-	-	-	27/4/72	0.30	290.0	330.0	670.0	-	8.10	0.40
1030	ELGIN	-	-	-	26/7/71	2.50	208.0	274.0	492.0	300.0	7.70	0.10
1198	ELGIN	-	-	-	26/7/71	0.10	186.0	40.0	403.0	220.0	8.40	1.50
1208	ELGIN	-	-	-	8/7/71	0.95	226.0	288.0	423.0	300.0	7.80	0.80
1213	ELGIN	-	-	-	27/7/71	14.00	610.0	424.0	1029.0	620.0	7.20	0.40
1214	ELGIN	-	-	-	26/7/71	94.00	166.0	100.0	359.0	190.0	8.10	1.20
1215	ELGIN	-	-	-	26/7/71	0.15	154.0	80.0	328.0	190.0	8.20	1.20
1253	ELGIN	-	-	-	22/10/64	0.73	144.0	64.0	-	-	8.30	-
1255	ELGIN	-	-	-	22/10/64	1.10	182.0	164.0	-	-	8.00	-
1257	ELGIN	-	-	-	22/10/64	0.72	186.0	92.0	-	-	8.00	-
1268	ELGIN	-	-	-	23/10/64	15.00	198.0	116.0	-	-	8.00	-
1320	ELGIN	-	-	-	26/7/71	2.60	234.0	240.0	441.0	240.0	7.70	0.50
1348	ELGIN	-	-	-	19/1/56	-	222.0	186.0	-	-	8.10	1.10
1862	ELGIN	-	-	-	18/1/56	-	246.0	80.0	-	-	8.00	-
511	MIDDLESEX	-	-	-	-/-/73	0.45	-	260.0	540.0	-	-	-
3652	MIDDLESEX	-	-	-	-/-/73	0.15	-	236.0	435.0	-	-	-
3655	MIDDLESEX	-	-	-	-/-/73	0.90	-	214.0	415.0	-	-	-
3657	MIDDLESEX	-	-	-	-/-/73	0.50	-	126.0	350.0	-	-	-
4440	MIDDLESEX	-	-	-	-/-/73	-	-	420.0	148.0	-	-	-
4833	MIDDLESEX	-	-	-	-/-/73	0.10	-	256.0	495.0	-	-	-
5280	MIDDLESEX	-	-	-	-/-/73	0.05	-	108.0	480.0	-	-	-
131	NORFOLK	-	-	-	19/2/76	0.55	189.0	198.0	365.0	237.0	7.80	0.10
1673	NORFOLK	-	-	-	19/2/65	0.20	300.0	354.0	590.0	436.0	7.30	-
1673	NORFOLK	-	-	-	17/7/64	0.61	330.0	462.0	780.0	-	7.40	-

## 2. Port Stanley Till (B) Page 6 of 7

MOE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMH/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLUORIDE (F)
1687	NORFOLK	-	-	-	19/5/76	0.70	226.0	240.0	445.0	289.0	7.80	0.80
1688	NORFOLK	-	-	-	27/7/64	1.04	262.0	290.0	450.0	-	7.70	-
629	OXFORD	-	-	-	27/7/73	0.20	-	172.0	372.0	-	-	-
650	OXFORD	-	-	-	29/7/65	0.30	-	114.0	355.0	256.0	8.20	-
681	OXFORD	-	-	-	29/7/65	0.20	-	448.0	730.0	592.0	7.70	-
694	OXFORD	-	-	-	29/7/65	0.27	-	122.0	449.0	418.0	8.20	-
707	OXFORD	-	-	-	29/7/65	0.70	-	374.0	645.0	558.0	7.80	-
711	OXFORD	-	-	-	29/7/65	1.40	-	106.0	275.0	198.0	8.20	-
803	OXFORD	-	-	-	29/7/65	0.20	-	76.0	350.0	274.0	8.40	-
1123	OXFORD	-	-	-	28/9/78	0.20	195.0	169.0	365.0	240.0	8.00	-
1219	OXFORD	-	-	-	10/7/64	1.51	236.0	236.0	370.0	-	7.80	-
1238	OXFORD	-	-	-	10/7/64	0.50	236.0	212.0	360.0	-	7.90	-
1260	OXFORD	-	-	-	10/7/64	0.31	148.0	108.0	280.0	-	8.20	-
1707	OXFORD	-	-	-	10/7/64	0.60	198.0	140.0	410.0	-	8.20	-
1734	OXFORD	-	-	-	29/7/65	1.20	-	250.0	410.0	312.0	7.70	-
1741	OXFORD	-	-	-	17/7/64	0.75	194.0	182.0	320.0	-	7.90	-
1821	OXFORD	-	-	-	29/7/65	0.53	-	204.0	480.0	366.0	7.70	-
1844	OXFORD	-	-	-	29/7/65	5.50	-	120.0	290.0	256.0	8.00	-
2025	OXFORD	-	-	-	20/7/65	5.30	-	820.0	490.0	328.0	7.60	-
2049	OXFORD	-	-	-	20/7/65	0.13	-	504.0	980.0	814.0	7.60	-
2147	OXFORD	-	-	-	10/7/64	1.21	248.0	254.0	370.0	-	7.70	-
950	PEEL	-	-	-	1/8/90	-	-	272.0	-	305	-	-
1087	WATERLOO	-	-	-	22/9/78	<0.10	251.0	341.0	720.0	495.0	7.70	-
1515	WATERLOO	-	-	-	20/9/78	0.80	259.0	343.0	650.0	425.0	7.50	-
3181	WATERLOO	-	-	-	20/9/78	<0.10	268.0	497.0	980.0	725.0	7.40	-
3517	WELLINGTON	-	-	-	25/9/79	2.00	266.0	266.0	480.0	310.0	7.40	-

HOPE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
7047	WELLINGTON	-	-	-	16/8/79	66.0	24.0	4.0	0.8	-	30.0	3.0	<0.10
-	WELLINGTON	569100	4846860	17	21/5/80	115.0	16.0	12.0	0.8	-	36.0	24.0	1.30
-	WELLINGTON	570210	4849480	17	17/8/82	-	-	4.4	1.8	-	24.0	9.8	0.10
					# of sample	63	60	60	50	63	76	77	60
					mean	52.0	21.5	40.2	2.7	252.8	35.0	60.1	1.59
					minimum	8.0	4.0	2.0	0.6	79.0	<0.1	0.1	<0.01
					maximum	143.0	100.0	231.0	47.5	734.0	182.0	2424.0	36.00

HOPE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	PH (no units)	FLUORIDE (F)
7047	WELLINGTON	-	-	-	16/8/79	0.50	235.0	262.0	490.0	285.0	7.90	-
-	WELLINGTON	569100	4846860	17	21/5/80	-	296.0	355.0	660.0	400.0	7.60	0.10
-	WELLINGTON	570210	4849480	17	17/8/82	-	349.0	342.2	622.0	-	8.36	-
					# of sample	73	60	80	65	52	71	29
					mean	2.49	218.2	213.9	515.3	366.2	7.90	0.79
					minimum	0.05	64.0	40.0	148.0	130.0	7.20	0.10
					maximum	94.00	610.0	820.0	1500.0	1000.0	8.40	1.50

## 3. Tavistock Till (A) Page 1 of 3

MOE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLEING DATE (DD-MH-YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
8	DUFFERIN	-	-	-	20/8/68	129.0	35.0	8.0	2.0	406.0	58.0	28.0	21.00
606	DUFFERIN	-	-	-	20/8/68	122.0	18.0	8.0	1.0	296.0	47.0	54.0	1.80
2548	ESSEX	-	-	-	9/7/70	77.0	52.0	1430.0	15.7	410.0	8.0	2328.0	-
2995	ESSEX	-	-	-	29/6/61	-	-	-	-	141.0	Trace	881.0	-
3003	ESSEX	-	-	-	29/6/61	-	-	-	-	159.0	<0.10	551.0	-
3013	ESSEX	-	-	-	29/6/61	-	-	-	-	290.0	0.0	223.0	-
3029	ESSEX	-	-	-	9/7/70	10.0	6.0	219.0	2.5	228.0	4.0	251.0	-
3036	ESSEX	-	-	-	29/6/61	-	-	-	-	146.0	Trace	2160.0	-
2617	KENT	-	-	-	16/11/60	-	-	-	-	-	-	79.0	-
2676	KENT	-	-	-	16/11/60	-	-	-	-	-	-	101.0	-
3502	KENT	-	-	-	10/9/69	20.0	9.0	118.0	2.9	284.0	2.0	75.0	-
3650	KENT	-	-	-	19/9/69	21.0	10.0	98.0	1.5	226.0	1.0	87.0	-
3765	KENT	-	-	-	10/9/69	27.0	12.0	188.0	3.4	402.0	Trace	139.0	-
4450	KENT	-	-	-	8/9/69	89.0	41.0	685.0	68.0	104.0	Trace	1312.0	-
4454	KENT	-	-	-	9/9/69	32.0	16.0	320.0	3.0	250.0	1.0	467.0	-
4470	KENT	-	-	-	9/9/69	42.0	29.0	561.0	6.9	216.0	11.0	934.0	-
238	MIDDLESEX	-	-	-	-/-/-73	-	-	-	-	-	23.0	3.0	-
1350	MIDDLESEX	-	-	-	-/-/-73	-	-	-	-	-	12.0	2.0	-
2030	MIDDLESEX	-	-	-	-/-/-73	-	-	-	-	-	9.0	2.0	-
2112	MIDDLESEX	-	-	-	-/-/-73	-	-	-	-	-	17.0	-	-
2169	MIDDLESEX	-	-	-	-/-/-73	-	-	-	-	-	32.0	5.0	-
2264	MIDDLESEX	-	-	-	-/-/-73	-	-	-	-	-	28.0	1.0	-
2337	MIDDLESEX	-	-	-	-/-/-73	-	-	-	-	-	55.0	15.0	-
2386	MIDDLESEX	-	-	-	-/-/-73	-	-	-	-	-	17.0	1.0	-
4186	MIDDLESEX	-	-	-	-/-/-73	-	-	-	-	-	40.0	8.0	-

3. Tavistock Till (B) Page 2 of 3

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON [Fe]	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
8	DUFFERIN	-	-	-	20/8/68	0.10	333.0	470.0	1006.0	706.0	7.60	<0.10
606	DUFFERIN	-	-	-	20/8/68	0.05	243.0	380.0	757.0	538.0	7.60	<0.10
2548	ESSEX	-	-	-	9/7/70	1.15	336.0	408.0	7680.0	4300.0	7.90	1.80
2995	ESSEX	-	-	-	29/6/61	1.80	116.0	258.0	-	-	7.80	-
3003	ESSEX	-	-	-	29/6/61	1.28	130.0	286.0	-	-	7.80	-
3013	ESSEX	-	-	-	29/6/61	0.04	238.0	208.0	-	-	8.00	-
3029	ESSEX	-	-	-	9/7/70	1.25	187.0	50.0	1190.0	660.0	7.80	1.80
3036	ESSEX	-	-	-	29/6/61	<0.05	120.0	384.0	-	-	6.80	-
2617	KENT	-	-	-	16/11/60	0.60	202.0	58.0	-	-	8.00	-
2676	KENT	-	-	-	16/11/60	0.16	270.0	80.0	-	-	7.90	-
3502	KENT	-	-	-	10/9/69	0.75	233.0	87.0	669.0	330.0	7.80	1.40
3650	KENT	-	-	-	19/9/69	0.60	185.0	95.0	740.0	340.0	7.90	1.50
3765	KENT	-	-	-	10/9/69	9.50	330.0	117.0	1020.0	570.0	7.90	1.10
4450	KENT	-	-	-	8/9/69	9.00	85.0	396.0	4110.0	2510.0	7.70	0.90
4454	KENT	-	-	-	9/9/69	4.00	205.0	146.0	1830.0	990.0	7.90	1.20
4470	KENT	-	-	-	9/9/69	1.15	177.0	244.0	3300.0	1810.0	7.70	1.20
238	MIDDLESEX	-	-	-	-/-/73	<0.05	-	296.0	-	-	-	-
1350	MIDDLESEX	-	-	-	-/-/73	0.20	-	164.0	390.0	-	-	-
2030	MIDDLESEX	-	-	-	-/-/73	1.20	-	152.0	367.0	-	-	-
2112	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	-	-
2169	MIDDLESEX	-	-	-	-/-/73	0.05	-	312.0	590.0	-	-	-
2264	MIDDLESEX	-	-	-	-/-/73	1.80	-	180.0	464.0	-	-	-
2337	MIDDLESEX	-	-	-	-/-/73	0.35	-	424.0	785.0	-	-	-
2386	MIDDLESEX	-	-	-	-/-/73	1.60	-	162.0	396.0	-	-	-
4186	MIDDLESEX	-	-	-	-/-/73	<0.05	-	174.0	440.0	-	-	-



## 3. Tavistock Till (A,B) Page 3 of 3

MOE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
4849	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	9.0	1.0	-
5860	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	400.0	3.0	-
2152	OXFORD	-	-	-	-/-/73	-	-	-	-	-	41.0	4.0	-
73	WATERLOO	-	-	-	20/9/78	114.0	33.0	11.0	1.3	-	140.0	20.0	2.80
32	WELLINGTON	-	-	-	25/9/79	39.0	21.0	38.0	0.8	-	61.0	3.0	<0.10
2113	WELLINGTON	-	-	-	9/10/79	45.0	24.0	13.0	0.9	-	12.0	3.0	<0.10
4343	WELLINGTON	-	-	-	25/9/79	46.0	22.0	20.0	0.6	-	12.0	4.0	<0.10
4846	WELLINGTON	-	-	-	9/10/79	42.0	22.0	15.0	0.9	-	9.0	3.0	<0.10
					# of sample	15	15	15	15	14	31	32	7
					mean	57.0	23.3	248.8	7.4	254.1	33.9	304.6	3.71
					minimum	10.0	6.0	8.0	0.6	104.0	<0.1	1.0	<0.10
					maximum	129.0	52.0	1430.0	68.0	410.0	400.0	2328.0	21.00

MOE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no unite)	FLUORIDE (F)
4849	MIDDLESEX	-	-	-	-/-/73	0.10	-	132.0	355.0	-	-	-
5860	MIDDLESEX	-	-	-	-/-/73	0.65	-	288.0	680.0	-	-	-
2152	OXFORD	-	-	-	-/-/73	0.65	-	304.0	520.0	-	-	-
73	WATERLOO	-	-	-	20/9/78	<0.10	244.0	421.0	870.0	580.0	7.50	-
32	WELLINGTON	-	-	-	25/9/79	1.20	199.0	186.0	490.0	290.0	7.90	-
2113	WELLINGTON	-	-	-	9/10/79	0.50	210.0	210.0	415.0	270.0	7.80	-
4343	WELLINGTON	-	-	-	25/9/79	2.00	203.0	203.0	430.0	280.0	7.80	-
4846	WELLINGTON	-	-	-	9/10/79	2.10	217.0	196.0	395.0	255.0	8.00	-
					# of sample	32	21	32	25	15	21	10
					mean	1.38	212.1	233.5	1185.6	961.9	7.77	1.09
					minimum	<0.05	85.0	50.0	355.0	255.0	6.80	<0.10
					maximum	9.50	336.0	470.0	7680.0	4300.0	8.00	1.80



## 4. Mornington Till (A,B)

MSEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca) (Mg)	MAGNE-SIUM (Mg)	SODIUM (Na)	POTAS-SIUM (K)	BICAR-BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
1955	WATERLOO	-	-	-	21/9/78	124.0	26.0	22.0	9.0	-	69.0	21.0	19.00
2015	WATERLOO	-	-	-	21/9/78	490.0	84.0	19.0	2.4	-	1400.6	4.0	<0.10
2067	WATERLOO	-	-	-	21/9/78	38.0	19.0	24.0	1.0	-	2.0	1.0	<0.10
2326	WATERLOO	-	-	-	26/9/78	128.0	15.0	27.0	1.7	-	270.0	1.0	<0.10
3408	WATERLOO	-	-	-	21/9/78	151.0	18.0	17.0	2.2	-	46.0	22.0	22.00
					# of sample	5	5	5	5	0	5	5	5
					mean	186.2	32.4	21.8	3.3	-	357.4	9.8	8.26
					minimum	38.0	15.0	17.0	1.0	-	2.0	1.0	<0.10
					maximum	490.0	84.0	27.0	9.0	-	1400.0	22.0	22.00

MSEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no unite)	FLOURIDE (F)
1955	WATERLOO	-	-	-	21/9/78	<0.10	293.0	416.0	840.0	590.0	7.40	-
2015	WATERLOO	-	-	-	21/9/78	7.60	195.0	1570.0	2450.0	2320.0	7.20	-
2067	WATERLOO	-	-	-	21/9/78	0.70	217.0	172.0	440.0	285.0	7.70	-
2326	WATERLOO	-	-	-	26/9/78	4.60	198.0	444.0	840.0	645.0	7.60	-
3408	WATERLOO	-	-	-	21/9/78	<0.10	355.0	451.0	940.0	650.0	7.30	-
					# of sample	5	5	5	5	5	5	0
					mean	2.62	251.6	610.6	1102.0	898.0	7.44	-
					minimum	<0.10	195.0	172.0	440.0	285.0	7.20	-
					maximum	7.60	355.0	1570.0	2450.0	2320.0	7.70	-

## 5. Elma Till (A,B)

MOE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
597	BRUCE	-	-	-	22/6/82	85.6	41.1	5.8	2.6	321.4	32.0	16.2	5.00
1405	BRUCE	-	-	-	22/6/82	62.1	28.8	10.0	1.4	207.0	82.0	2.6	0.10
351	DUFFERIN	-	-	-	9/10/79	78.0	37.0	10.0	7.2	-	28.0	15.0	1.10
3851	GREY	-	-	-	15/7/80	102.0	11.0	3.0	2.8	275.0	13.0	6.0	2.40
2558	HURON	-	-	-	19/10/81	82.0	28.0	12.0	1.1	287.0	9.0	3.0	0.10
340	PERTH	-	-	-	-/-/73	-	-	-	-	-	37.0	4.0	-
1549	PERTH	-	-	-	21/9/78	48.0	17.0	30.0	1.7	-	20.0	2.0	<1.0
4477	WELLINGTON	-	-	-	25/9/79	139.0	41.0	33.0	0.7	-	30.0	138.0	6.80
# of sample						7	7	7	7	4	8	8	7
mean						82.4	29.1	14.8	2.5	272.6	31.4	23.4	2.23
minimum						48.0	11.0	3.0	0.7	207.0	9.0	2.0	<0.10
maximum						139.0	41.1	33.0	7.2	321.4	82.0	138.0	6.80

MOE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLUORIDE (F)
597	BRUCE	-	-	-	22/6/82	0.02	321.4	382.8	-	552.0	7.60	0.07
1405	BRUCE	-	-	-	22/6/82	1.05	207.0	273.0	-	425.0	7.80	2.00
351	DUFFERIN	-	-	-	9/10/79	0.20	316.0	347.0	630.0	380.0	7.80	-
3851	GREY	-	-	-	15/7/80	0.01	275.0	301.0	527.0	330.0	7.40	-
2558	HURON	-	-	-	19/10/81	6.80	287.0	270.0	519.0	285.0	7.62	-
340	PERTH	-	-	-	-/-/73	0.40	-	124.0	419.0	-	-	-
1549	PERTH	-	-	-	21/9/78	0.90	232.0	192.0	500.0	310.0	8.00	-
4477	WELLINGTON	-	-	-	25/9/79	0.40	335.0	518.0	1120.0	800.0	7.40	-
# of sample						8	7	8	6	7	7	2
mean						1.22	281.9	301.0	619.2	440.3	7.66	1.04
minimum						0.01	207.0	124.0	419.0	285.0	7.40	0.07
maximum						6.80	335.0	518.0	1120.0	800.0	8.00	2.00

## 6. Rannoch Till (A) Page 1 of 2

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
287	HURON	-	-	-	01/05/84	67.0	17.0	-	-	-	27.0	6.0	1.53
1716	HURON	-	-	-	07/10/81	89.0	23.0	31.0	8.3	311.0	42.0	11.0	4.80
2459	HURON	-	-	-	09/10/81	110.0	27.0	12.0	11.6	366.0	36.0	3.0	4.20
2464	HURON	-	-	-	07/10/81	115.0	25.0	5.0	1.3	295.0	31.0	27.0	7.90
2542	HURON	-	-	-	20/10/81	39.0	16.0	45.0	1.3	142.0	125.0	1.0	0.10
3119	HURON	-	-	-	01/05/84	72.0	13.0	-	-	-	12.0	3.0	4.05
3276	HURON	-	-	-	01/05/84	80.0	18.0	-	-	224.0	25.0	12.0	5.34
1002	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	13.0	-	-
5476	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	3.0	3.0	-
5513	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	55.0	54.0	-
5760	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	17.0	8.0	-
209	PERTH	-	-	-	-/-/73	-	-	-	-	-	43.0	35.0	-
					# of sample	7	7	4	4	5	12	11	7
					mean	81.7	19.9	23.3	5.6	267.6	35.8	14.8	3.99
					minimum	39.0	13.0	5.0	1.3	142.0	3.0	1.0	0.10
					maximum	115.0	27.0	45.0	11.6	366.0	125.0	54.0	7.90

## 6. Rannoch Till (B) Page 2 of 2

MOEE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMH/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
287	HURON	-	-	-	01/05/84	<0.01	198.0	238.0	-	-	7.77	-
1716	HURON	-	-	-	07/10/81	0.12	311.0	322.0	710.0	524.0	7.66	-
2459	HURON	-	-	-	09/10/81	0.01	366.0	388.0	720.0	475.0	7.70	-
2464	HURON	-	-	-	07/10/81	0.03	295.0	391.0	740.0	426.0	7.58	-
2542	HURON	-	-	-	20/10/81	0.16	142.0	162.0	487.0	350.0	7.76	-
3119	HURON	-	-	-	01/05/84	0.02	208.0	234.0	-	-	7.68	-
3276	HURON	-	-	-	01/05/84	0.10	224.0	270.0	-	-	7.75	-
1002	MIDDLESEX	-	-	-	-/-/73	0.45	-	152.0	352.0	-	-	-
5476	MIDDLESEX	-	-	-	-/-/73	0.15	-	42.0	286.0	-	-	-
5513	MIDDLESEX	-	-	-	-/-/73	<0.05	-	364.0	750.0	-	-	-
5760	MIDDLESEX	-	-	-	-/-/73	<0.05	-	70.0	352.0	-	-	-
209	PERTH	-	-	-	-/-/73	0.05	-	384.0	740.0	-	-	-
# of sample					12	7	12	12	9	4	7	0
mean					0.10	249.1	251.4	570.8	443.8	7.70	-	-
minimum					<0.01	142.0	42.0	286.0	350.0	7.58	-	-
maximum					0.45	366.0	391.0	750.0	524.0	7.77	-	-

WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
3232	PEEL	-	-	-	23/5/80	81.0	11.0	4.0	6.0	-	20.0	3.0	4.10
365	SIMCOE	-	-	-	5/6/81	-	-	-	-	-	-	4.0	-
628	SIMCOE	-	-	-	20/8/68	40.0	21.0	16.0	1.0	245.0	11.0	2.0	0.10
655	SIMCOE	-	-	-	20/8/68	82.0	18.0	4.0	1.0	297.0	32.0	2.0	0.03
949	SIMCOE	-	-	-	19/8/68	43.0	17.0	148.0	8.0	255.0	3.0	226.0	0.02
1265	SIMCOE	-	-	-	25/7/79	96.0	21.0	6.0	1.1	269.0	26.0	7.0	8.60
1339	SIMCOE	-	-	-	25/7/79	99.0	33.0	11.0	2.7	374.0	56.0	13.0	1.60
2565	SIMCOE	-	-	-	4/7/79	34.0	14.0	72.0	8.6	282.0	1.0	34.0	<0.1
4304	SIMCOE	-	-	-	12/10/72	28.0	-	66.0	-	-	-	-	-
5140	SIMCOE	-	-	-	22/6/77	46.0	24.0	11.0	1.0	288.0	4.0	2.0	<0.10
5312	SIMCOE	-	-	-	28/6/77	39.0	24.0	13.0	1.7	219.0	1.0	2.0	<0.10
5318	SIMCOE	-	-	-	20/8/68	78.0	20.0	12.0	20.0	311.0	74.0	32.0	0.19
5805	SIMCOE	-	-	-	20/6/79	69.0	28.0	34.0	2.1	258.0	26.0	33.0	8.00
8321	SIMCOE	-	-	-	28/6/77	83.0	11.0	2.0	0.9	265.0	28.0	8.0	1.60
8808	SIMCOE	-	-	-	18/7/79	49.0	17.0	16.0	0.7	225.0	1.0	<1	<0.10
8997	SIMCOE	-	-	-	4/7/79	64.0	17.0	4.0	1.3	208.0	18.0	2.0	3.50
10560	SIMCOE	-	-	-	8/8/78	69.0	18.0	4.0	1.5	206.0	42.0	2.0	0.50
10584	SIMCOE	-	-	-	26/9/78	-	-	-	-	-	38.0	37.0	3.10
11430	SIMCOE	-	-	-	8/8/78	83.0	25.0	4.0	2.1	318.0	52.0	2.0	0.20
11782	SIMCOE	-	-	-	10/8/78	73.0	18.0	6.0	1.7	264.0	41.0	9.0	1.30
13012	SIMCOE	-	-	-	4/7/79	53.0	28.0	6.0	1.4	216.0	13.0	2.0	<0.10
308	YORK	-	-	-	27/7/77	132.0	37.0	8.0	1.2	238.0	31.0	88.0	46.00

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (P#)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
3232	PEEL	-	-	-	23/5/80	-	222.0	247.0	466.0	305.0	7.80	0.10
365	SIMCOE	-	-	-	5/6/81	0.16	196.0	188.0	320.0	-	7.60	-
628	SIMCOE	-	-	-	20/8/68	1.10	201.0	186.0	368.0	270.0	7.90	0.10
655	SIMCOE	-	-	-	20/8/68	0.40	244.0	282.0	503.0	278.0	7.70	<0.10
949	SIMCOE	-	-	-	19/8/68	1.60	209.0	178.0	1130.0	616.0	8.00	0.70
1265	SIMCOE	-	-	-	25/7/79	1.18	269.0	326.0	610.0	425.0	7.40	0.10
1339	SIMCOE	-	-	-	25/7/79	<0.50	324.0	384.0	715.0	480.0	7.30	0.10
2565	SIMCOE	-	-	-	4/7/79	0.26	262.0	142.0	580.0	330.0	7.80	0.40
4304	SIMCOE	-	-	-	12/10/72	0.65	-	-	-	-	7.90	-
5140	SIMCOE	-	-	-	22/6/77	0.50	236.0	212.0	409.0	289.0	8.00	0.20
5312	SIMCOE	-	-	-	28/6/77	0.60	219.0	196.0	390.0	254.0	7.90	0.20
5318	SIMCOE	-	-	-	20/8/68	0.15	255.0	360.0	766.0	502.0	7.70	0.10
5805	SIMCOE	-	-	-	20/6/79	0.62	258.0	276.0	610.0	360.0	7.80	0.20
8321	SIMCOE	-	-	-	28/6/77	<.10	217.0	253.0	471.0	323.0	8.00	0.10
8808	SIMCOE	-	-	-	18/7/79	0.78	225.0	192.0	401.0	260.0	7.90	0.10
8987	SIMCOE	-	-	-	4/7/79	0.08	208.0	230.0	440.0	285.0	8.00	0.10
10560	SIMCOE	-	-	-	8/8/78	<0.05	206.0	246.0	445.0	290.0	7.90	0.10
10584	SIMCOE	-	-	-	26/9/78	-	-	332.0	610.0	430.0	7.70	-
11430	SIMCOE	-	-	-	8/8/78	<.50	261.0	310.0	550.0	460.0	7.60	0.10
11782	SIMCOE	-	-	-	10/8/78	0.11	264.0	256.0	460.0	400.0	7.80	0.10
13012	SIMCOE	-	-	-	4/7/79	1.50	216.0	216.0	425.0	265.0	7.90	0.10
308	YORK	-	-	-	27/7/77	0.10	195.0	480.0	980.0	825.0	7.50	0.10



## 7. Newmarket Till (A,B) Page 3 of 3

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
361	YORK	-	-	-	24/6/77	94.0	25.0	7.0	78.0	392.0	95.0	8.0	4.00
4761	YORK	-	-	-	27/7/77	138.0	15.0	22.0	1.2	372.0	60.0	58.0	5.40
					# of sample	22	21	22	21	20	27	23	22
					mean	70.8	20.6	21.5	6.8	275.7	30.1	22.6	3.62
					minimum	28.0	11.0	2.0	0.7	206.0	1.0	1.0	0.02
					maximum	138.0	35.0	148.0	78.0	392.0	95.0	226.0	37.00

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	PH (no unite)	FLUORIDE (F)
361	YORK	-	-	-	24/6/77	0.10	321.0	340.0	842.0	570.0	6.60	0.10
4761	YORK	-	-	-	27/7/77	0.10	305.0	404.0	890.0	622.0	8.00	0.10
					# of sample	22	22	23	23	22	24	21
					mean	0.53	244.5	269.1	571.3	397.7	7.73	0.15
					minimum	<0.05	196.0	142.0	320.0	254.0	6.60	<0.1
					maximum	1.60	324.0	434.0	1130.0	735.0	8.00	0.70



8. Wentworth Till (A,B)

IV-20

NOTE WELL #	COUNTY	UTN EASTING	UTN NORTHING	UTN ZONE	SAMPLING DATE (DD/MH/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULFATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
23	BRANT	-	-	-	-/5/64	95.0	35.0	15.0	-	-	188.0	10.0	-
366	BRANT	-	-	-	-/5/64	123.0	25.0	13.0	-	-	195.0	15.0	-
384	BRANT	-	-	-	-/5/64	64.0	19.0	9.0	-	-	65.0	8.0	-
939	BRANT	-	-	-	5/7/73	73.0	28.0	7.0	7.3	284.0	40.0	13.0	6.50
1060	BRANT	-	-	-	6/7/73	71.0	28.0	5.0	1.0	332.0	27.0	4.0	0.03
1089	BRANT	-	-	-	6/7/73	69.0	28.0	5.0	1.0	330.0	28.0	2.0	0.04
1121	NORFOLK	-	-	-	30/7/64	38.0	11.0	16.0	-	203.0	9.0	4.0	<0.01
1800	NORFOLK	-	-	-	27/7/64	61.0	15.0	4.4	-	227.0	32.0	5.0	2.50
1000	PEEL	-	-	-	1/8/90	58.0	-	5.7	-	-	39.4	2.6	<0.10
1003	PEEL	-	-	-	1/8/90	75.0	-	2.8	-	-	23.9	7.3	0.60
# of samples						10	8	10	3	5	10	10	7
mean						73.7	23.8	8.3	3.1	275.2	64.7	7.4	1.40
minimum						38.0	11.0	2.8	1.0	203.0	9.0	2.0	<0.01
maximum						123.0	35.0	16.0	7.3	332.0	195.0	18.0	6.50

NOTE WELL #	COUNTY	UTN EASTING	UTN NORTHING	UTN ZONE	SAMPLING DATE (DD/MH/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLUORIDE (F)
23	BRANT	-	-	-	-/5/64	4.15	237.0	380.0	-	-	7.60	-
366	BRANT	-	-	-	-/5/64	2.60	230.0	408.0	-	-	7.90	-
384	BRANT	-	-	-	-/5/64	<0.05	192.0	240.0	-	290.0	7.90	-
939	BRANT	-	-	-	5/7/73	0.10	233.0	296.0	580.0	347.0	7.60	<0.01
1060	BRANT	-	-	-	6/7/73	2.20	273.0	294.0	530.0	313.0	7.60	0.50
1089	BRANT	-	-	-	6/7/73	0.95	271.0	292.0	530.0	308.0	7.50	0.30
1121	NORFOLK	-	-	-	30/7/64	5.80	166.0	142.0	260.0	-	8.00	-
1800	NORFOLK	-	-	-	27/7/64	0.69	186.0	214.0	340.0	-	7.80	-
1000	PEEL	-	-	-	1/8/90	-	-	238.0	-	271.0	-	-
1003	PEEL	-	-	-	1/8/90	-	-	294.0	-	305.0	-	-
# of samples						8	8	10	5	6	8	3
mean						2.06	223.5	279.8	448.0	305.7	7.74	0.27
minimum						<0.05	166.0	142.0	260.0	271.0	7.50	<0.01
maximum						5.80	273.0	408.0	580.0	347.0	8.00	0.50

9. Halton Till (A) Page 1 of 7

IV-21

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BORATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (CL)	NITRATE (NO3 as N)
961	DURHAM	-	-	-	13/7/81	59.0	18.0	5.5	1.6	190.0	29.0	2.0	1.20
1537	DURHAM	-	-	-	6/25/74	136.0	17.0	16.0	16.0	397.0	49.0	56.0	1.20
1541	DURHAM	-	-	-	6/26/74	176.0	19.0	33.0	<0.1	437.0	88.0	66.0	13.00
1663	DURHAM	-	-	-	6/26/74	112.0	30.0	11.0	2.2	250.0	67.0	36.0	0.70
1665	DURHAM	-	-	-	6/26/74	82.0	22.0	4.0	1.5	317.0	47.0	4.0	<0.20
1739	DURHAM	-	-	-	6/25/74	64.0	20.0	13.0	<0.1	282.0	34.0	6.0	<0.20
1744	DURHAM	-	-	-	6/25/74	134.0	17.0	8.0	0.3	331.0	49.0	53.0	5.00
1762	DURHAM	-	-	-	13/7/81	37.0	14.0	9.5	0.8	153.0	12.0	2.0	0.10
2874	DURHAM	-	-	-	14/7/81	90.0	19.0	3.5	1.2	242.0	54.0	3.0	0.10
2884	DURHAM	-	-	-	6/26/74	134.0	10.0	33.0	1.3	327.0	54.0	24.0	20.00
4043	DURHAM	-	-	-	6/26/74	64.0	13.0	2.0	1.3	205.0	22.0	3.0	<0.20
5441	DURHAM	-	-	-	12/12/72	246.0	-	-	-	241.0	38.0	15.0	1.20
7240	DURHAM	-	-	-	17/6/69	81.0	-	10.0	1.7	227.0	32.0	6.0	<1.0
5235	HALTON	-	-	-	26/5/80	227.0	41.0	37.0	5.3	-	89.0	219.0	<0.10
-	HALTON	588140	4832945	17	13/10/87	66.0	-	24.0	2.0	-	19.0	5.8	0.82
-	HALTON	587460	4832660	17	26/5/87	120.0	-	26.0	2.0	-	48.0	19.9	1.37
-	HALTON	587440	4832745	17	26/5/87	140.0	-	31.0	2.3	-	68.0	29.1	0.95
-	HALTON	587450	4832755	17	11/12/89	107.0	25.5	37.5	2.5	-	53.0	80.5	0.35
-	HALTON	588145	4832955	17	25/2/87	-	26.1	22.7	1.5	-	36.5	51.5	1.25
-	HALTON	587445	4832750	17	26/5/87	140.0	-	41.0	2.6	-	49.0	38.9	0.27
-	HALTON	592280	4832550	17	20/5/80	111.0	7.0	78.0	1.4	-	38.0	114.0	4.80
-	HALTON	587060	4832980	17	26/5/87	120.0	-	20.0	1.8	-	47.0	23.1	1.58
-	HALTON	585040	4836740	17	16/5/80	110.0	15.0	12.0	2.4	-	46.0	5.0	3.60
15	PEEL	-	-	-	30/9/77	44.0	21.0	155.0	5.2	144.0	79.0	214.0	2.60
96	PEEL	-	-	-	24/12/75	85.0	18.0	3.0	1.5	348.0	12.0	1.0	<0.20
328	PEEL	-	-	-	30/9/77	72.0	21.0	6.0	1.4	256.0	20.0	2.0	<0.10

## 9. Halton Till (A) Page 2 of 7

NOSE WELL #	COUNTY	UTH EASTING	UTH NORTHING	UTH ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
405	PEEL	-	-	-	23/12/75	176.0	36.0	28.0	2.3	719.0	100.0	91.0	23.00
668	PEEL	-	-	-	1/8/90	196.0	-	120.0	-	-	96.5	392.0	2.40
746	PEEL	-	-	-	1/8/90	68.0	-	3.1	-	-	29.1	250.0	0.70
1273	PEEL	-	-	-	23/12/75	168.0	37.0	110.0	1.7	699.0	74.0	255.0	16.00
1378	PEEL	-	-	-	23/12/75	78.0	22.0	5.0	1.6	341.0	8.0	6.0	<0.20
1331	PEEL	-	-	-	30/9/77	51.0	37.0	27.0	4.2	227.0	35.0	40.0	4.20
1354	PEEL	-	-	-	23/12/75	59.0	38.0	18.0	2.9	373.0	30.0	12.0	0.50
1498	PEEL	-	-	-	23/5/80	79.0	17.0	8.0	1.1	-	41.0	3.0	<0.10
1654	PEEL	-	-	-	1/8/90	131.0	-	6.4	-	-	40.3	11.1	2.50
1737	PEEL	-	-	-	1/8/90	40.0	-	12.3	-	-	48.8	32.5	3.00
1775	PEEL	-	-	-	15/5/80	87.0	66.0	15.0	3.4	-	87.0	14.0	0.10
2311	PEEL	-	-	-	29/9/77	196.0	16.0	50.0	1.1	302.0	49.0	222.0	1.90
2588	PEEL	-	-	-	29/9/77	94.0	37.0	14.0	3.4	364.0	40.0	11.0	0.60
2635	PEEL	-	-	-	29/9/77	34.0	22.0	39.0	1.6	215.0	27.0	19.0	<0.10
2637	PEEL	-	-	-	29/9/75	56.0	38.0	22.0	3.3	295.0	16.0	24.0	<0.10
2676	PEEL	-	-	-	15/5/80	260.0	109.0	360.0	17.0	-	680.0	677.0	15.00
3082	PEEL	-	-	-	1/8/90	46.0	-	29.3	-	-	65.0	10.3	0.30
3179	PEEL	-	-	-	23/5/80	64.0	13.0	4.0	1.0	-	28.0	2.0	<0.10
3275	PEEL	-	-	-	26/5/80	151.0	19.0	12.0	0.7	-	73.0	52.0	2.70
3286	PEEL	-	-	-	1/8/90	54.0	-	10.1	-	-	26.0	5.0	<0.10
3299	PEEL	-	-	-	1/8/90	69.0	-	6.1	-	-	21.9	13.3	1.20
3408	PEEL	-	-	-	30/9/77	77.0	14.0	4.0	1.2	207.0	29.0	13.0	2.20
3713	PEEL	-	-	-	1/8/90	84.0	-	6.8	-	-	21.4	14.0	1.80
3814	PEEL	-	-	-	24/12/75	30.0	29.0	31.0	1.6	239.0	1.0	29.0	<0.20
3868	PEEL	-	-	-	1/8/90	81.0	-	5.0	-	-	40.9	9.8	4.00
3989	PEEL	-	-	-	1/8/90	64.0	-	26.5	-	-	41.3	71.9	0.10

## 9. Halton Till (A) Page 3 of 7

HOZE WELL #	COUNTY	UTH EASTING	UTH NORTHING	UTH ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
4082	PEEL	-	-	-	1/8/90	51.0	-	7.2	-	-	33.4	174.0	2.40
4351	PEEL	-	-	-	1/8/90	39.0	-	9.1	-	-	14.2	1.7	1.50
-	PEEL	592650	4856280	17	4/12/84	75.0	25.0	7.5	1.4	-	35.0	4.4	<0.05
-	PEEL	582810	4854320	17	21/5/81	81.0	13.0	7.0	1.3	-	29.0	16.0	1.40
-	PEEL	598730	4830910	17	7/7/80	155.0	19.0	35.0	2.7	-	114.0	57.0	3.50
2588	YORK	-	-	-	6/24/74	30.0	15.0	34.0	1.3	251.0	3.0	5.0	<0.20
2942	YORK	-	-	-	6/24/74	54.0	21.0	8.0	1.4	260.0	20.0	3.0	<0.20
3066	YORK	-	-	-	6/24/74	72.0	20.0	19.0	1.6	286.0	22.0	47.0	0.40
3413	YORK	-	-	-	6/25/74	118.0	7.0	15.0	1.7	359.0	38.0	16.0	0.40
3612	YORK	-	-	-	6/25/74	171.0	20.0	9.0	1.1	367.0	57.0	19.0	33.00
3614	YORK	-	-	-	6/24/74	110.0	18.0	16.0	1.6	361.0	26.0	42.0	<0.20
3626	YORK	-	-	-	6/24/74	53.0	17.0	9.0	1.3	254.0	5.0	1.0	<0.20
3907	YORK	-	-	-	6/25/74	48.0	17.0	27.0	1.2	289.0	2.0	2.0	<0.20
3997	YORK	-	-	-	6/25/74	58.0	23.0	22.0	0.9	300.0	23.0	14.0	<0.20
7690	YORK	-	-	-	6/24/74	82.0	16.0	3.0	1.3	296.0	29.0	2.0	<0.20
7692	YORK	-	-	-	6/24/74	67.0	11.0	3.0	1.3	255.0	1.0	1.0	<0.20
7705	YORK	-	-	-	6/24/74	121.0	16.0	9.0	1.1	320.0	25.0	71.0	2.00
8065	YORK	-	-	-	6/24/74	75.0	19.0	3.0	1.3	260.0	29.0	3.0	<0.20
8090	YORK	-	-	-	23/6/77	82.0	13.0	3.0	0.9	277.0	21.0	6.0	2.20
8212	YORK	-	-	-	6/24/74	86.0	13.0	5.0	1.4	265.0	30.0	13.0	2.40

## 9. Halton Till (B) Page 4 of 7

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Pp)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	PH (no units)	FLUORIDE (P)
961	DURHAM	-	-	-	13/7/81	0.10	190.0	222.0	410.0	280.0	8.10	-
1537	DURHAM	-	-	-	6/25/74	0.35	325.0	408.0	800.0	550.0	7.40	-
1541	DURHAM	-	-	-	6/26/74	0.63	358.0	520.0	1040.0	700.0	7.30	-
1663	DURHAM	-	-	-	6/26/74	<0.05	205.0	312.0	740.0	500.0	7.40	-
1665	DURHAM	-	-	-	6/26/74	<0.05	260.0	296.0	480.0	300.0	7.60	-
1739	DURHAM	-	-	-	6/25/74	5.30	231.0	244.0	465.0	280.0	7.60	-
1744	DURHAM	-	-	-	6/25/74	0.15	271.0	404.0	740.0	520.0	7.30	-
1762	DURHAM	-	-	-	13/7/81	0.31	53.0	150.0	295.0	200.0	8.00	-
2874	DURHAM	-	-	-	14/7/81	1.80	182.0	336.0	650.0	345.0	7.40	-
2884	DURHAM	-	-	-	6/26/74	<0.05	268.0	376.0	790.0	560.0	7.40	-
4043	DURHAM	-	-	-	6/26/74	1.70	168.0	212.0	375.0	207.0	7.70	-
5441	DURHAM	-	-	-	12/12/72	0.15	241.0	304.0	570.0	320.0	7.30	-
7240	DURHAM	-	-	-	17/6/69	0.65	227.0	330.0	-	290.0	7.70	-
5235	HALTON	-	-	-	26/5/80	-	417.0	738.0	1445.0	1020.0	7.50	0.20
-	HALTON	588140	4832945	17	13/10/87	-	286.0	327.5	450.0	338.0	7.31	0.16
-	HALTON	587460	4832660	17	26/5/87	-	270.0	343.4	634.0	-	7.67	0.06
-	HALTON	587440	4832745	17	26/5/87	-	315.0	388.5	732.0	-	7.50	0.73
-	HALTON	587450	4832755	17	11/12/89	-	307.0	372.0	992.0	-	7.80	<0.10
-	HALTON	588145	4832955	17	25/2/87	-	261.4	330.0	678.0	-	7.90	0.84
-	HALTON	587445	4832750	17	26/5/87	-	305.0	454.0	814.0	-	7.54	0.06
-	HALTON	592280	4832550	17	20/5/80	-	254.0	305.0	900.0	535.0	7.60	0.10
-	HALTON	587060	4832980	17	26/5/87	-	275.0	344.8	619.0	-	7.65	0.06
-	HALTON	585040	4836740	17	16/5/80	-	280.0	337.0	600.0	375.0	7.90	0.20
15	PEEL	-	-	-	30/9/77	0.25	144.0	195.0	1100.0	-	7.70	-
96	PEEL	-	-	-	24/12/75	0.75	269.0	286.0	510.0	-	7.40	-
328	PEEL	-	-	-	30/9/77	1.10	256.0	266.0	495.0	-	7.60	-



## 9. Halton Till (B) Page 5 of 7

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (%)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
405	PEEL	-	-	-	23/12/75	8.10	356.0	590.0	1270.0	-	7.30	-
668	PEEL	-	-	-	1/8/90	-	-	744.0	-	1540.0	-	-
746	PEEL	-	-	-	1/8/90	-	-	233.0	-	242.0	-	-
1273	PEEL	-	-	-	23/12/75	0.05	347.0	573.0	1540.0	-	7.20	-
1328	PEEL	-	-	-	23/12/75	<0.02	280.0	285.0	520.0	-	7.50	-
1331	PEEL	-	-	-	30/9/77	0.05	227.0	280.0	620.0	-	7.80	-
1354	PEEL	-	-	-	23/12/75	0.05	297.0	306.0	605.0	-	7.70	-
1498	PEEL	-	-	-	23/5/80	-	241.0	269.0	502.0	345.0	7.70	0.10
1654	PEEL	-	-	-	1/8/90	-	-	387.0	-	433.0	-	-
1737	PEEL	-	-	-	1/8/90	-	-	186.0	-	405.0	-	-
1775	PEEL	-	-	-	15/5/80	-	410.0	487.0	850.0	575.0	8.00	0.20
2311	PEEL	-	-	-	29/9/77	1.70	302.0	554.0	1290.0	-	7.20	-
2558	PEEL	-	-	-	29/9/77	0.10	364.0	388.0	710.0	-	7.50	-
2635	PEEL	-	-	-	29/9/77	0.60	215.0	175.0	480.0	-	7.90	-
2637	PEEL	-	-	-	29/9/75	0.25	295.0	295.0	600.0	-	7.70	-
2676	PEEL	-	-	-	15/5/80	-	185.0	1100.0	3100.0	2590.0	7.50	0.30
3082	PEEL	-	-	-	1/8/90	-	-	489.0	-	540.0	-	-
3179	PEEL	-	-	-	23/5/80	-	197.0	213.0	398.0	285.0	7.80	0.10
3275	PEEL	-	-	-	26/5/80	-	307.0	454.0	820.0	540.0	7.80	0.10
3286	PEEL	-	-	-	1/8/90	-	-	279.0	-	328.0	-	-
3299	PEEL	-	-	-	1/8/90	-	-	245.0	-	312.0	-	-
3408	PEEL	-	-	-	30/9/77	0.05	207.0	249.0	5470.0	-	7.70	-
3713	PEEL	-	-	-	1/8/90	-	-	270.0	-	377.0	-	-
3814	PEEL	-	-	-	24/12/75	0.50	219.0	196.0	480.0	-	7.90	-
3868	PEEL	-	-	-	1/8/90	-	-	275.0	-	303.0	-	-
3989	PEEL	-	-	-	1/8/90	-	-	337.0	-	466.0	-	-

## 9. Halton Till (B) Page 6 of 7

HOPE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
4082	PEEL	-	-	-	1/8/90	-	-	207.0	-	714.0	-	-
4351	PEEL	-	-	-	1/8/90	-	-	245.0	-	293.0	-	-
-	PEEL	592650	4856280	17	4/12/84	-	262.8	290.2	550.0	-	7.64	-
-	PEEL	582810	4854320	17	21/5/81	-	221.0	260.0	488.0	295.0	8.00	0.10
-	PEEL	598730	4810910	17	7/7/80	-	316.0	466.0	939.0	701.0	7.30	0.20
2588	YORK	-	-	-	6/24/74	0.30	206.0	136.0	370.0	240.0	7.70	-
2942	YORK	-	-	-	6/24/74	1.10	213.0	224.0	415.0	290.0	7.80	-
3066	YORK	-	-	-	6/24/74	0.45	218.0	264.0	570.0	400.0	7.40	-
3413	YORK	-	-	-	6/25/74	0.15	294.0	324.0	620.0	400.0	7.30	-
3612	YORK	-	-	-	6/25/74	<0.05	301.0	508.0	950.0	730.0	7.30	-
3614	YORK	-	-	-	6/24/74	0.90	296.0	352.0	700.0	460.0	7.30	-
3626	YORK	-	-	-	6/24/74	0.30	208.0	204.0	375.0	244.0	7.60	-
3907	YORK	-	-	-	6/25/74	1.20	237.0	190.0	445.0	240.0	7.70	-
3997	YORK	-	-	-	6/25/74	0.25	246.0	240.0	485.0	280.0	7.40	-
7690	YORK	-	-	-	6/24/74	0.08	243.0	268.0	480.0	340.0	7.60	-
7692	YORK	-	-	-	6/24/74	2.00	209.0	212.0	370.0	240.0	7.50	-
7705	YORK	-	-	-	6/24/74	<0.05	262.0	380.0	740.0	600.0	7.40	-
8065	YORK	-	-	-	6/24/74	0.60	213.0	268.0	440.0	300.0	7.50	-
8090	YORK	-	-	-	23/6/77	0.15	227.0	259.0	468.0	331.0	8.40	<0.10
8212	YORK	-	-	-	6/24/74	0.95	217.0	268.0	500.0	340.0	7.50	-



## 9. Halton Till (A,B) Page 7 of 7

WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca) (kg)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
8246	YORK	-	-	-	27/7/77	74.0	13.0	3.0	1.6	278.0	26.0	1.0	<0.10
					# of sample	72	54	72	60	43	73	73	73
					mean	96.8	23.0	25.9	2.2	302.0	48.1	52.9	2.68
					minimum	30.0	7.0	2.0	<0.1	144.0	1.0	1.0	<0.05
					maximum	260.0	109.0	360.0	17.0	719.0	680.0	677.0	33.00

WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLUORIDE (F)
8246	YORK	-	-	-	27/7/77	0.20	228.0	238.0	460.0	291.0	7.80	0.10
					# of sample	43	61	73	60	52	61	19
					mean	0.78	257.1	335.1	785.7	466.5	7.60	0.20
					minimum	<0.02	53.0	136.0	295.0	200.0	7.20	0.06
					maximum	8.10	417.0	1100.0	5470.0	2590.0	8.40	0.84

10. Kettleby Till (A,B)

IV-28

HOSE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
459	SIMCOE	-	-	-	19/8/68	116.0	9.0	5.0	1.0	262.0	43.0	9.0	7.60
4126	SIMCOE	-	-	-	20/8/68	110.0	15.0	32.0	1.0	340.0	29.0	31.0	5.04
11580	SIMCOE	-	-	-	3/9/69	144.0	-	14.0	2.8	-	-	14.0	-
217	YORK	-	-	-	23/6/77	123.0	41.0	15.0	1.9	312.0	77.0	56.0	29.00
237	YORK	-	-	-	23/6/77	147.0	34.0	30.0	1.7	325.0	92.0	68.0	17.00
8880	YORK	-	-	-	28/7/77	80.0	12.0	9.0	2.0	261.0	40.0	10.0	<1.0
10760	YORK	-	-	-	23/6/77	147.0	19.0	30.0	1.3	346.0	93.0	69.0	9.50
					# of sample	7	6	7	7	6	6	7	6
					mean	123.9	21.7	19.3	1.7	307.7	62.3	36.7	11.37
					minimum	80.0	9.0	5.0	1.0	261.0	29.0	9.0	<1.0
					maximum	147.0	41.0	32.0	2.8	346.0	93.0	69.0	29.00

HOSE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	PH (no units)	FLOURIDE (F)
459	SIMCOE	-	-	-	19/8/68	0.20	215.0	330.0	640.0	418.0	7.60	0.10
4126	SIMCOE	-	-	-	20/8/68	0.15	279.0	334.0	743.0	466.0	7.60	<1.0
11580	SIMCOE	-	-	-	3/9/69	0.95	421.0	454.0	-	-	7.00	-
217	YORK	-	-	-	23/6/77	<1.0	256.0	478.0	940.0	665.0	8.20	0.10
237	YORK	-	-	-	23/6/77	0.15	266.0	447.0	950.0	672.0	7.50	<1.0
8880	YORK	-	-	-	28/7/77	0.20	214.0	249.0	495.0	318.0	7.60	0.10
10760	YORK	-	-	-	23/6/77	0.10	284.0	447.0	925.0	654.0	7.50	<1.0
					# of sample	7	7	7	6	6	7	6
					mean	0.26	276.4	391.3	782.2	532.2	7.57	0.08
					minimum	<0.10	214.0	249.0	495.0	318.0	7.00	<1.0
					maximum	0.95	421.0	478.0	950.0	672.0	8.20	0.10

MOZE WELL #	COUNTY	UTH EASTING	UTH NORTHING	UTH ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
3239	BRUCE	-	-	-	24/06/82	19.6	22.0	35.0	1.1	212.0	13.0	0.2	0.20
3235	BRUCE	-	-	-	24/06/82	60.3	19.0	44.4	1.0	154.4	150.0	12.8	0.20
3241	BRUCE	-	-	-	14/4/82	26.0	12.0	47.0	1.3	157.0	48.0	7.0	0.20
5274	BRUCE	-	-	-	24/06/82	23.1	11.9	63.0	1.5	168.2	71.0	6.0	0.10
318	HURON	-	-	-	8/10/81	21.0	11.0	30.0	0.7	156.0	8.0	1.0	0.04
1728	HURON	-	-	-	20/10/81	72.0	33.0	5.0	1.2	290.0	31.0	3.0	0.10
3644	HURON	-	-	-	8/10/81	21.0	8.0	39.0	2.7	155.0	8.0	2.0	0.52
# of sample						7	7	7	7	7	7	7	7
mean						34.7	16.7	37.6	1.4	184.7	47.0	4.6	0.19
minimum						19.6	8.0	5.0	0.7	154.4	8.0	0.2	0.04
maximum						72.0	33.0	63.0	2.7	290.0	150.0	12.8	0.52

MOZE WELL #	COUNTY	UTH EASTING	UTH NORTHING	UTH ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no unite)	FLOURIDE (F)
287	BRUCE	-	-	-	24/06/82	0.17	212.8	139.4	-	307.0	8.10	1.80
1716	BRUCE	-	-	-	24/06/82	0.32	154.4	228.0	-	528.0	8.10	2.16
2459	BRUCE	-	-	-	14/4/82	0.51	157.0	113.0	-	265.0	8.00	2.25
2464	BRUCE	-	-	-	24/06/82	0.60	168.2	106.6	-	312.0	8.30	1.10
2542	HURON	-	-	-	8/10/81	0.24	156.0	101.0	312.0	183.0	8.02	-
3119	HURON	-	-	-	20/10/81	0.70	290.0	316.0	580.0	345.0	7.21	-
3276	HURON	-	-	-	8/10/81	0.26	155.0	85.0	318.0	183.0	8.18	-
# of sample						7	7	7	3	7	7	4
mean						0.40	184.7	155.6	403.3	303.3	7.99	1.83
minimum						0.17	154.4	85.0	312.0	183.0	7.21	1.10
maximum						0.70	290.0	316.0	580.0	345.0	8.30	2.25

## 12. Unit 19 - sandy silt to silt till (A) Page 1 of 2

HOPE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
-	DUNDAS	475120	4974775	18	-/6/76	5.1	28.0	23.0	5.1	280.0	45.0	7.0	<0.1
-	DUNDAS	481800	4994000	18	-/5/76	141.0	31.0	50.0	7.2	445.0	84.0	75.0	6.00
228	DURHAM	-	-	-	16/7/81	111.0	12.0	8.0	2.6	272.0	65.0	3.0	2.60
1335	DURHAM	-	-	-	-/8/70	169.0	18.0	28.0	2.4	409.0	112.0	60.0	0.20
1380	DURHAM	-	-	-	6/26/74	125.0	12.0	26.0	1.4	233.0	26.0	22.0	12.00
1450	DURHAM	-	-	-	6/25/74	48.0	20.0	13.0	1.2	276.0	4.0	4.0	<0.20
2429	DURHAM	-	-	-	15/7/81	78.0	35.0	14.5	1.7	237.0	98.0	13.0	1.30
2588	DURHAM	-	-	-	14/7/81	42.0	16.0	10.5	0.8	179.0	9.0	1.0	0.30
6226	DURHAM	-	-	-	10/7/81	94.0	9.0	3.0	0.7	284.0	35.0	1.0	0.60
-	GLENHARRY	515800	5018600	18	-/8/76	122.0	18.0	10.0	96.0	378.0	58.0	28.0	30.00
-	OTTAWA CARLE	469800	5024800	18	-/7/76	66.0	53.0	52.0	13.0	401.0	31.0	106.0	0.70
-	OTTAWA CARLE	473700	5025800	18	-/6/76	192.0	63.0	92.0	9.7	377.0	44.0	420.0	2.50
3448	SIMCOE	-	-	-	16/5/66	65.0	17.0	-	-	288.0	20.0	10.0	0.15
3978	SIMCOE	-	-	-	23/6/80	76.0	14.0	4.0	2.3	227.0	17.0	<1	1.00
4828	SIMCOE	-	-	-	25/7/79	165.0	22.0	135.0	5.5	397.0	38.0	225.0	21.00
6384	SIMCOE	-	-	-	23/6/80	65.0	17.0	4.0	2.0	193.0	16.0	2.0	5.70
8025	SIMCOE	-	-	-	24/6/80	90.0	17.0	4.0	1.7	248.0	18.0	7.0	5.30
9930	SIMCOE	-	-	-	12/5/76	50.0	9.0	2.0	1.1	-	13.0	5.0	1.20
9300	YORK	-	-	-	24/6/77	99.0	15.0	5.0	1.4	357.0	22.0	4.0	<0.10
# of sample						19	19	18	18	18	19	19	19
mean						84.8	22.4	26.9	8.7	301.7	39.7	52.3	4.79
minimum						5.1	9.0	2.8	0.7	179.0	4.0	1.0	<0.10
maximum						192.0	63.0	135.0	96.0	445.0	112.0	420.0	30.00

## 12. Unit 19 - sandy silt to silt till (B) Page 2 of 2

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
-	DUNDAS	475120	4974775	18	-/6/76	11.00	230.0	216.0	790.0	340.0	8.10	-
-	DUNDAS	481800	4994000	18	-/5/76	0.05	365.0	480.0	1050.0	668.0	7.30	-
228	DURHAM	-	-	-	16/7/81	0.06	272.0	400.0	720.0	440.0	7.30	-
1335	DURHAM	-	-	-	-/8/70	0.10	335.0	494.0	984.0	670.0	7.30	-
1380	DURHAM	-	-	-	6/26/74	0.05	183.0	360.0	700.0	460.0	7.40	-
1450	DURHAM	-	-	-	6/25/74	0.40	226.0	204.0	390.0	254.0	7.80	-
2429	DURHAM	-	-	-	15/7/81	0.03	237.0	340.0	650.0	-	7.60	-
2588	DURHAM	-	-	-	14/7/81	0.15	179.0	170.0	330.0	225.0	8.00	-
6226	DURHAM	-	-	-	10/7/81	0.10	264.0	272.0	560.0	325.0	7.70	-
-	GLENGARRY	515800	5018600	18	-/8/76	0.65	310.0	376.0	970.0	750.0	-	-
-	OTTAWA CARLE	469800	5024800	18	-/7/76	0.10	326.0	384.0	890.0	554.0	7.60	-
-	OTTAWA CARLE	473700	5025800	18	-/6/76	0.10	309.0	740.0	1750.0	1540.0	7.10	-
3448	SIMCOE	-	-	-	16/5/66	-	156.0	162.0	-	-	-	0.15
3978	SIMCOE	-	-	-	23/6/80	0.06	227.0	246.0	416.0	285.0	7.70	0.10
4828	SIMCOE	-	-	-	25/7/79	0.18	397.0	501.0	1590.0	1110.0	7.20	<0.01
6384	SIMCOE	-	-	-	23/6/80	0.02	193.0	231.0	420.0	275.0	7.60	0.10
8025	SIMCOE	-	-	-	24/6/80	0.11	248.0	297.0	535.0	360.0	7.60	0.10
9930	SIMCOE	-	-	-	12/5/76	0.10	134.0	160.0	295.0	192.0	8.00	-
9300	YORK	-	-	-	24/6/77	0.15	293.0	310.0	560.0	324.0	7.80	0.10
# of sample						18	19	19	18	17	17	6
mean						0.75	257.1	333.8	756.7	516.0	7.59	0.09
minimum						0.02	134.0	160.0	295.0	192.0	7.10	<0.01
maximum						11.00	397.0	740.0	1750.0	1540.0	8.10	0.15



13. Unit 21 - silty clay to silt till (A,B)

HOSE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
778	SIMCOE	-	-	-	12/5/76	31.0	18.0	11.0	1.2	-	7.0	3.0	0.10
805	SIMCOE	-	-	-	23/6/80	71.0	6.0	4.0	10.0	188.0	15.0	<1	<0.10
9562	SIMCOE	-	-	-	12/5/76	12.0	3.0	39.0	0.3	-	2.0	3.0	<0.10
					# of sample	3	3	3	3	1	3	3	3
					mean	38.0	9.0	18.0	3.8	188.0	8.0	2.3	0.10
					minimum	12.0	3.0	4.0	0.3	188.0	2.0	1.0	<0.10
					maximum	71.0	18.0	39.0	10.0	188.0	15.0	3.0	0.10

HOSE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
778	SIMCOE	-	-	-	12/5/76	0.40	156.0	148.0	295.0	192.0	8.20	-
805	SIMCOE	-	-	-	23/6/80	0.67	188.0	201.0	363.0	235.0	7.60	<0.10
9562	SIMCOE	-	-	-	12/5/76	1.40	121.0	44.0	225.0	146.0	8.60	-
					# of sample	3	3	3	3	3	3	1
					mean	0.82	155.0	131.0	294.3	191.0	8.13	<0.10
					minimum	0.40	121.0	44.0	225.0	146.0	7.60	<0.10
					maximum	1.40	188.0	201.0	363.0	235.0	8.60	<0.10



## 14. Glaciofluvial ice-contact deposits (A) Page 1 of 5

HOZE WELL #	COUNTY	UTH EASTING	UTH NORTHING	UTH ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BORATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
3984	BRUCE	-	-	-	24/6/82	66.0	25.0	1.6	0.8	246.0	34.0	0.2	0.10
340	DUFFERIN	-	-	-	20/8/68	74.0	51.0	16.0	13.0	413.0	31.0	43.0	0.37
464	DUFFERIN	-	-	-	20/8/68	96.0	19.0	3.0	1.0	343.0	28.0	6.0	0.01
529	DUFFERIN	-	-	-	20/8/68	69.0	12.0	2.0	1.0	273.0	17.0	3.0	0.84
571	DUFFERIN	-	-	-	20/8/68	37.0	19.0	46.0	2.0	233.0	13.0	33.0	0.01
1013	DUFFERIN	-	-	-	9/10/79	50.0	21.0	6.0	1.3	-	12.0	<1.0	<0.10
-	DUFFERIN	569800	4862425	17	4/10/91	62.0	23.2	3.1	0.9	-	21.5	2.1	3.90
-	DUFFERIN	569640	4863625	17	4/10/91	86.7	29.7	22.4	1.4	-	23.0	33.6	11.70
4095	DURHAM	-	-	-	6/26/74	61.0	14.0	2.0	1.3	273.0	25.0	3.0	0.80
5218	DURHAM	-	-	-	14/7/81	96.0	6.0	13.5	9.0	227.0	47.0	8.0	3.20
-	HALTON	578860	4832530	17	20/5/80	120.0	7.0	57.0	0.5	-	72.0	24.0	19.00
-	HALTON	576800	4830650	17	23/9/91	93.0	-	18.5	-	-	22.8	37.4	0.02
3949	HURON	-	-	-	20/10/81	113.0	36.0	5.0	0.8	362.0	42.0	31.0	3.60
3064	HURON	-	-	-	20/10/81	49.0	23.0	20.0	1.1	207.0	48.0	1.0	0.10
2711	KENT	415000	4681450	17	10/9/69	23.0	10.0	216.0	3.7	305.0	trace	228.0	-
3042	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	15.0	2.0	-
4078	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	44.0	163.0	-
-	OTTAWA CARLE	455450	5012100	18	-/7/76	88.0	22.0	38.0	2.0	278.0	38.0	78.0	2.80
371	OXFORD	-	-	-	28/9/78	50.0	22.0	10.0	0.9	-	17.0	<1.0	<0.10
2942	OXFORD	-	-	-	26/9/78	90.0	27.0	3.0	0.8	-	41.0	6.0	1.90
3382	OXFORD	-	-	-	26/9/78	276.0	36.0	18.0	8.5	-	565.0	23.0	3.20
304	PEEL	-	-	-	30/9/77	60.0	15.0	5.0	1.4	185.0	33.0	<1.0	<0.10
598	PEEL	-	-	-	23/12/75	96.0	20.0	3.0	1.0	394.0	39.0	9.0	1.60
615	PEEL	-	-	-	1/8/90	128.0	-	9.2	-	-	56.1	38.6	0.20
637	PEEL	-	-	-	1/8/90	97.0	-	6.2	-	-	25.4	23.5	0.90
855	PEEL	-	-	-	23/12/75	80.0	17.0	40.0	<0.3	378.0	31.0	70.0	<0.20

## 14. Glaciofluvial ice-contact deposits (A) Page 2 of 5

MODE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BORATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
3165	PEEL	-	-	-	1/8/90	53.0	-	8.2	-	-	16.7	2.7	2.30
3250	PEEL	-	-	-	23/12/75	107.0	11.0	15.0	1.7	380.0	35.0	11.0	6.00
3272	PEEL	-	-	-	1/8/90	73.0	-	7.5	-	-	20.3	27.8	2.00
3712	PEEL	-	-	-	1/8/90	-	-	-	-	-	32.4	4.2	<0.10
4428	PEEL	-	-	-	1/8/90	85.0	-	3.3	-	-	29.2	3.0	1.50
4443	PEEL	-	-	-	1/8/90	68.0	-	5.0	-	-	34.9	3.5	0.10
-	PEEL	588700	4856250	17	23/5/80	122.0	21.0	5.0	2.2	-	49.0	20.0	1.50
146	SIMCOE	-	-	-	18/7/79	59.0	15.0	2.0	0.9	161.0	33.0	13.0	0.60
1075	SIMCOE	-	-	-	24/6/80	49.0	9.0	3.0	1.7	147.0	11.0	<1.0	0.20
4054	SIMCOE	-	-	-	19/8/68	106.0	12.0	6.0	13.0	328.0	25.0	12.0	2.77
4988	SIMCOE	-	-	-	25/7/79	115.0	21.0	48.0	1.6	195.0	18.0	165.0	9.30
6847	SIMCOE	-	-	-	18/7/79	90.0	17.0	51.0	2.5	209.0	52.0	63.0	14.00
11986	SIMCOE	-	-	-	25/7/79	54.0	15.0	5.0	1.8	196.0	13.0	<0.1	0.10
12634	SIMCOE	-	-	-	18/7/79	126.0	17.0	7.0	1.2	317.0	17.0	20.0	0.70
591	WATERLOO	-	-	-	9/10/79	64.0	25.0	2.0	0.9	-	24.0	3.0	2.80
905	WATERLOO	-	-	-	22/9/78	239.0	42.0	14.0	1.8	-	600.0	13.0	<0.10
1282	WATERLOO	-	-	-	11/10/79	81.0	19.0	23.0	1.6	-	115.0	1.0	<0.10
2636	WATERLOO	-	-	-	21/9/78	197.0	48.0	26.0	2.0	-	490.0	12.0	<0.10
3608	WATERLOO	-	-	-	21/9/78	80.0	24.0	4.0	0.9	-	33.0	2.0	5.70
3705	WATERLOO	-	-	-	21/9/78	52.0	23.0	14.0	0.9	-	14.0	2.0	0.10
4196	WATERLOO	-	-	-	11/10/79	72.0	14.0	19.0	0.8	-	32.0	6.0	3.50
-	WELLINGTON	574650	4846245	17	-/12/90	103.0	20.2	6.5	1.7	-	23.0	2.8	1.12
-	WELLINGTON	567460	4849910	17	21/5/80	59.0	12.0	8.0	0.8	-	16.0	1.0	0.20
-	WELLINGTON	571990	4850440	17	21/5/80	104.0	34.0	27.0	16.0	-	65.0	51.0	12.00
-	WELLINGTON	574800	4846270	17	-/12/90	112.0	143.0	485.0	153.0	-	7.0	173.0	0.77
-	WELLINGTON	574750	4846525	17	-/12/90	62.1	27.4	15.3	2.9	-	35.0	15.8	0.29

## 14. Glaciofluvial ice-contact deposits (B) Page 3 of 5

HOPE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (%Fe)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	PH (no units)	FLUORIDE (F)
3984	BRUCE	-	-	-	24/6/82	2.31	246.0	267.5	-	311.0	7.83	1.11
340	DUFFERIN	-	-	-	20/8/68	0.10	339.0	398.0	803.0	492.0	7.60	0.40
464	DUFFERIN	-	-	-	20/8/68	3.00	281.0	320.0	570.0	354.0	7.60	0.00
529	DUFFERIN	-	-	-	20/8/68	0.05	224.0	260.0	470.0	396.0	7.70	0.10
571	DUFFERIN	-	-	-	20/8/68	1.20	191.0	148.0	488.0	276.0	7.90	0.20
1013	DUFFERIN	-	-	-	9/10/79	0.20	212.0	213.0	395.0	255.0	7.90	-
-	DUFFERIN	569800	4862425	17	4/10/91	-	212.0	250.1	403.0	196.4	8.04	<0.50
-	DUFFERIN	569640	4863625	17	4/10/91	-	212.0	338.5	610.0	66.1	8.16	<0.50
4095	DURHAM	-	-	-	6/26/74	<0.05	224.0	198.0	355.0	244.0	7.70	-
5218	DURHAM	-	-	-	14/7/81	0.16	227.0	266.0	520.0	350.0	8.30	-
-	HALTON	578860	4832530	17	20/5/80	-	258.0	328.0	800.0	530.0	7.60	0.10
-	HALTON	576800	4830650	17	23/9/91	-	280.0	350.0	664.0	-	7.64	0.08
3949	HURON	-	-	-	20/10/81	0.01	362.0	430.0	810.0	500.0	7.13	-
3064	HURON	-	-	-	20/10/81	1.32	207.0	218.0	460.0	315.0	7.72	-
2711	KENT	415000	4681450	17	10/9/69	3.25	250.0	99.0	1160.0	630.0	7.80	1.20
3042	MIDDLESEX	-	-	-	-/-/73	0.60	-	226.0	440.0	-	-	-
4078	MIDDLESEX	-	-	-	-/-/73	0.10	-	420.0	1020.0	-	-	-
-	OTTAWA CARLE	455450	5012100	18	-/7/76	0.05	228.0	312.0	740.0	452.0	7.60	-
371	OXFORD	-	-	-	28/9/78	0.40	212.0	215.0	400.0	260.0	7.70	-
2942	OXFORD	-	-	-	26/9/78	0.20	273.0	336.0	385.0	590.0	7.50	-
3382	OXFORD	-	-	-	26/9/78	0.20	237.0	840.0	1400.0	1200.0	7.30	-
304	PEEL	-	-	-	30/9/77	0.90	185.0	211.0	400.0	-	7.70	-
598	PEEL	-	-	-	23/12/75	0.05	264.0	323.0	580.0	-	7.50	-
615	PEEL	-	-	-	1/8/90	-	-	420.0	-	473.0	-	-
637	PEEL	-	-	-	1/8/90	-	-	304.0	-	470.0	-	-
955	PEEL	-	-	-	23/12/75	0.35	215.0	269.0	680.0	-	7.50	-

## 14. Glaciofluvial ice-contact deposits (B) Page 4 of 5

NOTE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (%)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	PH (no units)	FLUORIDE (#)
3165	PEEL	-	-	-	1/8/90	-	-	212.0	-	262.0	-	-
3250	PEEL	-	-	-	23/12/75	0.05	232.0	312.0	635.0	-	7.60	-
3272	PEEL	-	-	-	1/8/90	-	-	278.0	-	336.0	-	-
3712	PEEL	-	-	-	1/8/90	-	-	-	-	316.0	-	-
4428	PEEL	-	-	-	1/8/90	-	-	267.0	-	308.0	-	-
4443	PEEL	-	-	-	1/8/90	-	-	251.0	-	258.0	-	-
-	PEEL	588700	4856250	17	23/5/80	-	317.0	394.0	695.0	455.0	7.50	0.10
146	SIMCOE	-	-	-	18/7/79	0.14	161.0	208.0	403.0	260.0	7.80	0.10
1075	SIMCOE	-	-	-	24/6/80	0.24	147.0	159.0	291.0	190.0	8.00	<0.10
4054	SIMCOE	-	-	-	19/8/68	0.15	269.0	316.0	640.0	414.0	7.60	0.10
4988	SIMCOE	-	-	-	25/7/79	0.11	195.0	376.0	985.0	855.0	7.50	<0.10
6847	SIMCOE	-	-	-	18/7/79	0.10	209.0	292.0	775.0	555.0	7.50	0.30
11986	SIMCOE	-	-	-	25/7/79	0.36	196.0	196.0	378.0	245.0	7.70	0.10
12634	SIMCOE	-	-	-	18/7/79	<0.05	317.0	384.0	700.0	455.0	7.30	<0.10
591	WATERLOO	-	-	-	9/10/79	<0.10	222.0	262.0	470.0	300.0	7.80	-
905	WATERLOO	-	-	-	22/9/78	4.80	199.0	771.0	1300.0	1150.0	7.70	-
1282	WATERLOO	-	-	-	11/10/79	1.00	239.0	280.0	610.0	282.0	7.70	-
2636	WATERLOO	-	-	-	21/9/78	5.20	194.0	690.0	1320.0	1050.0	7.50	-
3608	WATERLOO	-	-	-	21/9/78	<0.10	239.0	298.0	590.0	360.0	7.80	-
3705	WATERLOO	-	-	-	21/9/78	1.30	237.0	226.0	450.0	290.0	7.10	-
4196	WATERLOO	-	-	-	11/10/79	<0.10	255.0	237.0	530.0	301.0	7.70	-
-	WELLINGTON	574650	4846245	17	-/12/90	-	327.0	440.0	462.0	-	7.40	-
-	WELLINGTON	567460	4849910	17	21/5/80	-	199.0	199.0	378.0	225.0	8.10	0.40
-	WELLINGTON	571990	4850440	17	21/5/80	-	294.0	401.0	860.0	565.0	7.70	0.10
-	WELLINGTON	574800	4846270	17	-/12/90	-	2242.0	880.0	3200.0	-	6.70	-
-	WELLINGTON	574750	4846525	17	-/12/90	-	238.0	240.0	444.0	-	7.40	-

## 14. Glaciofluvial ice-contact deposits (A,B) Page 5 of 5

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
460	YORK	-	-	-	27/7/77	44.0	15.0	4.0	1.0	203.0	10.0	<1.0	0.10
558	YORK	-	-	-	23/6/77	68.0	15.0	2.0	0.9	281.0	6.0	2.0	<0.10
1746	YORK	-	-	-	6/25/74	136.0	15.0	5.0	0.3	320.0	49.0	65.0	2.00
8725	YORK	-	-	-	23/6/77	44.0	18.0	6.0	1.0	231.0	10.0	1.0	<0.10
9210	YORK	-	-	-	27/7/77	75.0	10.0	3.0	0.7	177.0	36.0	40.0	<0.10
10593	YORK	-	-	-	27/7/77	59.0	15.0	4.0	1.0	261.0	10.0	1.0	<0.10
# of sample						55	48	55	48	28	58	58	55
mean						87.4	23.2	25.4	5.6	268.7	56.9	28.1	2.28
minimum						23.0	6.0	1.6	0.2	147.0	0.1	0.1	0.01
maximum						276.0	143.0	485.0	153.0	413.0	600.0	228.0	19.00

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
460	YORK	-	-	-	27/7/77	0.10	166.0	172.0	325.0	211.0	7.70	0.10
558	YORK	-	-	-	23/6/77	0.45	230.0	230.0	417.0	295.0	7.80	0.10
1746	YORK	-	-	-	6/25/74	<0.50	262.0	400.0	730.0	600.0	7.50	-
8725	YORK	-	-	-	23/6/77	0.10	189.0	185.0	354.0	250.0	8.30	0.10
9210	YORK	-	-	-	27/7/77	0.75	145.0	228.0	465.0	345.0	7.50	0.10
10593	YORK	-	-	-	27/7/77	0.55	214.0	207.0	410.0	267.0	7.40	0.10
# of sample						41	49	57	50	48	49	25
mean						0.75	275.0	314.9	667.4	411.7	7.65	0.25
minimum						<0.05	145.0	99.0	291.0	66.1	6.70	<0.10
maximum						5.20	2242.0	880.0	3200.0	1200.0	8.30	1.20



## 15. Glaciofluvial outwash deposits (A) Page 1 of 7

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
72	BRANT	-	-	-	24/5/73	99.0	26.0	7.0	1.0	285.0	37.0	50.0	5.40
222	BRANT	-	-	-	-/5/64	256.0	44.0	60.0	-	-	775.0	28.0	-
287	BRANT	-	-	-	21/9/78	80.0	28.0	3.0	1.0	-	69.0	7.0	6.00
515	BRANT	-	-	-	29/6/73	125.0	27.0	19.0	2.6	347.0	120.0	42.0	0.78
603	BRANT	-	-	-	24/5/73	74.0	27.0	3.0	1.0	251.0	50.0	7.0	5.00
708	BRANT	-	-	-	27/6/73	80.0	30.0	10.0	42.0	308.0	78.0	20.0	11.00
691	DUFFERIN	-	-	-	20/8/68	87.0	12.0	2.0	2.0	262.0	26.0	3.0	1.10
-	DUFFERIN	576170	4864480	17	30/9/93	45.9	22.1	27.1	1.2	-	9.4	16.6	<0.10
-	DUFFERIN	569580	4862473	17	21/9/83	82.0	25.8	15.6	1.2	-	28.5	51.6	3.80
-	DUFFERIN	569578	4862471	17	21/9/83	87.0	27.5	23.0	1.3	-	28.0	27.0	3.90
-	DUFFERIN	574600	4865720	17	-/-/90	46.0	21.0	17.0	2.5	-	24.0	1.5	<0.10
-	FRONTENAC	328700	4967700	18	29/8/80	53.0	6.3	6.0	-	-	<2.0	3.5	0.64
1130	HALTON	-	-	-	26/5/80	118.0	9.0	15.0	0.7	-	47.0	26.0	2.50
462	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	26.0	21.0	-
788	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	88.0	14.0	-
790	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	2.0	217.0	-
884	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	60.0	41.0	-
2856	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	39.0	39.0	-
4050	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	53.0	23.0	-
4395	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	31.0	9.0	-
4481	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	46.0	14.0	-
4562	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	2.0	-	-
4685	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	92.0	9.0	-
4708	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	210.0	107.0	-
5316	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	2.0	-	-
623	OXFORD	-	-	-	29/7/65	28.0	49.0	6.0	1.7	251.0	34.0	5.0	<0.10



## 15. Glaciofluvial outwash deposits (A) Page 2 of 7

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
2772	OXFORD	-	-	-	-/-/13	-	-	-	-	-	39.0	24.0	-
4040	OXFORD	-	-	-	28/9/78	516.0	49.0	15.0	1.5	-	1300.0	2.0	<0.10
548	PEEL	-	-	-	28/9/77	50.0	11.0	6.0	1.4	134.0	24.0	17.0	1.00
801	PEEL	-	-	-	1/8/90	-	-	-	-	-	21.8	31.6	1.20
842	PEEL	-	-	-	1/8/90	75.0	-	10.3	-	-	21.1	24.5	1.00
848	PEEL	-	-	-	23/12/75	77.0	18.0	6.0	1.4	322.0	25.0	17.0	2.00
872	PEEL	-	-	-	1/8/90	78.0	-	4.1	-	-	84.7	19.2	1.10
880	PEEL	-	-	-	1/8/90	78.0	-	416.0	-	-	636.0	284.0	0.10
904	PEEL	-	-	-	1/8/90	83.0	-	56.5	-	-	168.0	35.0	<0.10
946	PEEL	-	-	-	1/8/90	74.0	-	10.3	-	-	19.3	27.3	3.60
986	PEEL	-	-	-	1/8/90	75.0	-	4.5	-	-	113.0	1.7	<0.10
1027	PEEL	-	-	-	4/7/80	110.0	9.0	6.0	0.9	-	83.0	8.0	0.60
1668	PEEL	-	-	-	1/8/90	64.0	-	13.5	-	-	39.4	18.1	0.10
3129	PEEL	-	-	-	1/8/90	66.0	-	2.0	-	-	16.3	6.1	12.00
3196	PEEL	-	-	-	23/5/80	83.0	12.0	3.0	0.8	-	27.0	2.0	1.40
3614	PEEL	-	-	-	1/8/90	50.0	-	7.1	-	-	11.1	4.7	0.10
4360	PEEL	-	-	-	1/8/90	46.0	-	5.1	-	-	19.8	1.2	<0.10
-	PEEL	576075	485080	17	21/12/87	49.2	23.0	5.0	1.1	-	37.0	4.8	0.15
-	PEEL	587050	4850630	17	17/12/86	69.8	20.6	20.9	1.6	-	30.8	44.5	0.20
-	PEEL	576060	4857290	17	17/12/86	58.5	21.1	26.6	1.8	-	14.7	41.6	1.25
-	PEEL	582080	4856345	17	22/12/88	54.4	13.9	8.8	1.2	-	21.9	18.5	0.45
-	PEEL	576050	4857295	17	17/12/86	60.3	21.3	26.4	1.8	-	14.1	40.0	1.45
-	PEEL	571890	4859220	17	22/5/80	100.0	8.0	8.0	0.8	-	25.0	51.0	1.90
-	PEEL	587060	4850580	17	17/12/86	80.5	20.1	11.8	1.6	-	25.9	27.8	0.20
-	PEEL	581270	4850710	17	21/5/80	82.0	7.0	115.0	1.1	-	33.0	108.0	0.90
-	PEEL	582070	4856350	17	18/12/85	48.8	12.9	18.1	1.3	-	19.0	16.0	0.50

## 15. Glaciofluvial outwash deposits (A) Page 3 of 7

HOZE WELL #	COUNTY	UTH EASTING	UTH NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
-	PEEL	579110	4854860	17	8/7/80	89.0	7.0	18.0	1.0	-	25.0	43.0	0.80
-	PEEL	576070	4858090	17	21/12/87	50.0	23.0	4.8	1.0	-	36.4	3.9	0.15
4522	SIMCOE	-	-	-	21/8/68	102.0	8.0	4.0	1.3	316.0	36.0	11.0	0.66
6637	SIMCOE	-	-	-	28 / 6 / 73	107.0	18.0	3.0	0.8	224.0	29.0	59.0	4.20
8015	SIMCOE	-	-	-	18/7/79	21.0	9.0	87.8	1.8	172.0	4.0	71.0	<0.10
8414	SIMCOE	-	-	-	28/7/77	108.0	12.0	20.0	1.3	321.0	43.0	20.0	9.10
10563	SIMCOE	-	-	-	8/8/78	181.0	14.0	10.0	3.6	432.0	43.0	25.0	29.00
10564	SIMCOE	-	-	-	8/8/78	134.0	12.0	4.0	1.1	310.0	79.0	12.0	9.60
12550	SIMCOE	-	-	-	18/7/79	46.0	20.0	14.0	1.2	222.0	2.0	5.0	<0.10
6	WATERLOO	-	-	-	11/10/79	74.0	19.0	3.0	1.0	-	46.0	11.0	4.40
10	WATERLOO	-	-	-	11/10/79	510.0	44.0	6.0	1.3	-	1216.0	4.0	<0.10
535	WATERLOO	-	-	-	11/10/79	445.0	52.0	17.0	2.0	-	1269.0	2.0	<0.10
568	WATERLOO	-	-	-	9/10/79	83.0	32.0	12.0	1.2	-	47.0	25.0	1.10
4646	WATERLOO	-	-	-	26/9/78	90.0	26.0	6.0	1.6	-	39.0	11.0	-
1016	WELLINGTON	-	-	-	19/9/78	87.0	28.0	11.0	2.1	-	88.0	22.0	1.63
2190	WELLINGTON	-	-	-	20/9/78	54.0	23.0	13.0	1.0	-	19.0	4.0	<.10
2312	WELLINGTON	-	-	-	22/9/78	39.0	11.0	98.0	0.5	-	23.0	27.0	<.10
2351	WELLINGTON	-	-	-	18/9/78	70.0	26.0	4.0	0.8	-	15.0	2.0	<.10
3716	WELLINGTON	-	-	-	19/9/78	53.0	21.0	6.0	0.8	-	18.0	4.0	2.30
-	WELLINGTON	576340	4845840	17	15/7/91	81.3	21.8	22.5	1.0	-	25.5	44.7	1.90
-	WELLINGTON	569280	4848660	17	1/10/82	-	-	11.5	1.6	-	27.5	20.4	3.30
-	WELLINGTON	569560	4849830	17	17/8/82	-	-	4.2	2.9	-	34.0	22.4	1.20
-	WELLINGTON	569710	4849200	17	17/8/82	-	-	6.0	6.0	-	33.0	4.0	3.40

15. Glaciofluvial outwash deposits (B) Page 4 of 7

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
72	BRANT	-	-	-	24/5/73	0.15	234.0	356.0	-	-	7.40	<0.10
222	BRANT	-	-	-	-/5/64	0.23	235.0	820.0	-	-	7.70	-
287	BRANT	-	-	-	27/9/78	<0.10	219.0	314.0	540.0	395.0	7.60	-
515	BRANT	-	-	-	29/6/73	0.10	285.0	424.0	830.0	520.0	7.50	<0.10
603	BRANT	-	-	-	24/5/73	<.05	206.0	296.0	-	318.0	7.60	0.10
708	BRANT	-	-	-	27/6/73	<.05	253.0	334.0	740.0	461.0	7.60	0.10
691	DUFFERIN	-	-	-	20/8/68	0.15	215.0	288.0	493.0	332.0	7.70	<0.10
-	DUFFERIN	576170	4864480	17	30/9/93	-	214.0	206.0	444.0	-	8.48	0.20
-	DUFFERIN	569580	4862473	17	21/9/83	-	234.4	310.7	632.0	-	7.65	0.10
-	DUFFERIN	569578	4862471	17	21/9/83	-	236.6	330.2	695.0	-	7.63	0.12
-	DUFFERIN	574600	4865720	17	-/-/90	-	211.0	293.0	502.0	264.0	8.10	-
-	FRONTENAC	328700	4967700	18	29/8/80	1.30	171.0	158.0	345.0	-	7.60	-
1130	HALTON	-	-	-	26/5/80	-	274.0	332.0	661.0	400.0	7.30	0.10
462	MIDDLESEX	-	-	-	-/-/73	0.25	-	-	510.0	-	-	-
788	MIDDLESEX	-	-	-	-/-/73	1.40	-	288.0	620.0	-	-	-
790	MIDDLESEX	-	-	-	-/-/73	0.15	-	59.0	1000.0	-	-	-
884	MIDDLESEX	-	-	-	-/-/73	<0.05	-	452.0	934.0	-	-	-
2856	MIDDLESEX	-	-	-	-/-/73	<0.05	-	356.0	700.0	-	-	-
4050	MIDDLESEX	-	-	-	-/-/73	1.90	-	310.0	610.0	-	-	-
4395	MIDDLESEX	-	-	-	-/-/73	<0.05	-	248.0	455.0	-	-	-
4481	MIDDLESEX	-	-	-	-/-/73	0.75	-	310.0	-	-	-	-
4562	MIDDLESEX	-	-	-	-/-/73	0.15	-	118.0	-	-	-	-
4685	MIDDLESEX	-	-	-	-/-/73	0.10	-	316.0	680.0	-	-	-
4708	MIDDLESEX	-	-	-	-/-/73	0.20	-	162.0	890.0	-	-	-
5316	MIDDLESEX	-	-	-	-/-/73	0.35	-	90.0	-	-	-	-
623	OXFORD	-	-	-	29/7/65	0.70	-	274.0	449.0	340.0	7.70	-

## 15. Glaciofluvial outwash deposits (B) Page 5 of 7

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	PR (no unite)	FLOURIDE (F)
2272	OXFORD	-	-	-	-/-/73	0.60	-	312.0	2272.0	-	-	-
4040	OXFORD	-	-	-	28/9/78	1.20	181.0	1490.0	2050.0	2200.0	7.10	-
548	PEEL	-	-	-	29/9/77	0.10	134.0	172.0	355.0	-	7.90	-
801	PEEL	-	-	-	1/8/90	-	-	-	-	399.0	-	-
842	PEEL	-	-	-	1/8/90	-	-	-	-	432.0	-	-
848	PEEL	-	-	-	23/12/75	0.25	217.0	264.0	500.0	-	7.40	-
872	PEEL	-	-	-	1/8/90	-	-	278.0	-	378.0	-	-
880	PEEL	-	-	-	1/8/90	-	-	299.0	-	1610.0	-	-
904	PEEL	-	-	-	1/8/90	-	-	306.0	-	520.0	-	-
946	PEEL	-	-	-	1/8/90	-	-	243.0	-	361.0	-	-
986	PEEL	-	-	-	1/8/90	-	-	299.0	-	391.0	-	-
1027	PEEL	-	-	-	4/7/80	-	222.0	309.0	558.0	390.0	7.70	0.10
1668	PEEL	-	-	-	1/8/90	-	-	243.0	-	398.0	-	-
3129	PEEL	-	-	-	1/8/90	-	-	191.0	-	216.0	-	-
3396	PEEL	-	-	-	23/5/80	-	224.0	255.0	464.0	310.0	7.40	0.10
3614	PEEL	-	-	-	1/8/90	-	-	190.0	-	211.0	-	-
4360	PEEL	-	-	-	1/8/90	-	-	194.0	-	210.0	-	-
-	PEEL	576075	4858080	17	21/12/87	-	184.9	217.0	423.0	-	8.30	0.06
-	PEEL	587050	4850630	17	17/12/86	-	220.6	259.0	586.0	-	8.17	0.07
-	PEEL	576060	4857290	17	17/12/86	-	214.6	233.0	551.0	-	8.21	0.05
-	PEEL	582080	4856345	17	22/12/88	-	164.8	193.0	391.0	-	8.24	0.06
-	PEEL	576050	4857295	17	17/12/86	-	218.3	238.5	549.0	-	8.21	0.05
-	PEEL	571890	4859220	17	22/5/80	-	203.0	203.0	599.0	415.0	7.70	0.10
-	PEEL	587060	4850580	17	17/12/86	-	270.8	284.0	602.0	-	8.31	0.07
-	PEEL	581270	4850710	17	21/5/80	-	291.0	233.0	600.0	520.0	7.30	0.10
-	PEEL	582070	4856350	17	18/12/85	-	152.0	175.0	377.0	-	8.28	0.08

## 15. Glaciofluvial outwash deposits (B) Page 6 of 7

HOPE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Ppm)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
-	PEEL	579110	4854860	17	8/7/80	-	197.0	253.0	543.0	340.0	7.90	0.10
-	PEEL	576070	4856090	17	21/12/87	-	187.1	220.0	476.0	-	8.26	0.06
4522	SINCOE	-	-	-	21/8/68	0.78	259.0	290.0	578.0	362.0	7.40	<0.10
6637	SINCOE	-	-	-	28 /6 /73	0.15	224.0	343.0	663.0	473.0	8.30	0.10
8015	SINCOE	-	-	-	18/7/79	0.07	172.0	87.0	550.0	355.0	8.10	0.40
8414	SINCOE	-	-	-	28/7/77	<0.10	263.0	317.0	680.0	448.0	7.50	0.10
10563	SINCOE	-	-	-	8/8/78	0.11	354.0	524.0	960.0	860.0	7.00	0.10
10564	SINCOE	-	-	-	8/8/78	<0.05	254.0	384.0	690.0	545.0	7.50	0.10
12550	SINCOE	-	-	-	18/7/79	1.21	222.0	198.0	414.0	270.0	7.80	0.10
6	WATERLOO	-	-	-	11/10/79	<0.10	238.0	263.0	550.0	312.0	7.70	-
10	WATERLOO	-	-	-	11/10/79	8.10	217.0	1455.0	2250.0	2113.0	7.30	-
515	WATERLOO	-	-	-	11/10/79	9.10	172.0	1327.0	2150.0	2050.0	7.30	-
588	WATERLOO	-	-	-	9/10/79	0.10	271.0	341.0	630.0	415.0	7.70	-
4646	WATERLOO	-	-	-	26/9/78	0.20	253.0	329.0	590.0	400.0	7.70	-
1016	WELLINGTON	-	-	-	19/9/78	<0.10	332.0	332.0	660.0	482.0	7.40	-
2190	WELLINGTON	-	-	-	20/9/78	0.90	229.0	229.0	455.0	290.0	7.60	-
2312	WELLINGTON	-	-	-	22/9/78	<0.10	143.0	143.0	620.0	390.0	7.60	-
2351	WELLINGTON	-	-	-	18/9/78	2.70	280.0	280.0	500.0	330.0	7.50	-
3716	WELLINGTON	-	-	-	19/9/78	<0.10	219.0	219.0	425.0	276.0	7.60	-
-	WELLINGTON	576140	4845840	17	15/7/91	-	232.0	293.0	684.0	-	7.65	<0.10
-	WELLINGTON	569280	4848650	17	1/10/82	-	-	291.0	592.0	-	-	-
-	WELLINGTON	569560	4849830	17	17/8/82	-	357.4	369.6	680.0	-	8.09	-
-	WELLINGTON	569710	4849200	17	17/8/82	-	306.2	323.3	630.0	-	8.30	-



## 15. Glaciofluvial outwash deposits (A,B) Page 7 of 7

IV.44

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
-	WELLINGTON	576250	4845790	17	17/7/91	87.1	24.6	23.9	1.1	-	25.2	45.0	1.80
					# of sample	59	49	62	50	15	76	74	61
					mean	100.0	21.5	23.0	2.3	277.1	105.1	29.1	2.41
					minimum	21.0	6.3	2.0	0.5	134.0	2.0	1.2	<0.10
					maximum	516.0	52.0	416.0	42.0	432.0	1300.0	284.0	29.00

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
-	WELLINGTON	576250	4845790	17	17/7/91	-	261.0	319.0	740.0	-	7.64	<0.10
					# of sample	42	50	74	59	42	51	31
					mean	0.82	230.6	321.4	699.3	539.1	7.74	0.10
					minimum	0.05	134.0	59.0	345.0	210.0	7.00	0.05
					maximum	9.10	357.4	1490.0	2272.0	2200.0	8.48	0.40



## 16. Glaciolacustrine sand and gravel deposits (A) Page 1 of 15

WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
170	BRANT	-	-	-	-/5/64	54.0	20.0	0.0	-	-	25.0	8.0	-
262	BRANT	-	-	-	25/6/73	504.0	358.0	111.0	4.7	34.0	2000.0	99.0	0.03
560	BRANT	-	-	-	28/6/73	104.0	20.0	10.0	1.3	314.0	50.0	18.0	5.00
608	BRANT	-	-	-	28/6/73	476.0	53.0	32.0	1.8	81.0	1400.0	2.0	0.01
613	BRANT	-	-	-	17/7/64	168.0	25.0	11.0	-	242.0	341.0	8.0	<0.10
622	BRANT	-	-	-	17/7/64	54.0	20.0	9.0	-	274.0	42.0	3.0	<0.10
656	BRANT	-	-	-	17/7/64	98.0	23.0	6.0	-	293.0	91.0	15.0	Trace
664	BRANT	-	-	-	19/2/65	284.0	94.0	26.5	-	173.0	973.0	13.0	Trace
676	BRANT	-	-	-	24/7/64	64.0	20.0	4.0	-	215.0	53.0	6.0	2.00
679	BRANT	-	-	-	17/7/64	115.0	18.0	4.0	-	318.0	108.0	13.0	Trace
680	BRANT	-	-	-	3/12/64	112.0	31.0	5.0	2.5	391.0	114.0	-	<0.10
694	BRANT	-	-	-	28/6/73	97.0	21.0	4.0	1.6	285.0	89.0	10.0	2.00
752	BRANT	-	-	-	11/10/79	97.0	26.0	17.0	20.0	-	51.0	51.0	11.00
795	BRANT	-	-	-	27/9/78	119.0	23.0	6.0	1.1	-	200.0	3.0	<0.10
796	BRANT	-	-	-	26/7/73	130.0	31.0	6.0	1.1	212.0	280.0	4.0	0.18
803	BRANT	-	-	-	27/6/73	61.0	27.0	3.0	1.0	224.0	63.0	6.0	5.00
955	BRANT	-	-	-	28/9/78	78.0	32.0	5.0	1.2	-	56.0	4.0	0.10
1361	BRANT	-	-	-	28/9/78	82.0	20.0	7.0	2.4	-	57.0	13.0	<0.10
1472	BRANT	-	-	-	27/9/78	72.0	22.0	2.0	0.7	-	60.0	4.0	6.90
668	BRUCE	-	-	-	21/01/75	59.0	-	-	-	-	6.1	4.0	-
3545	BRUCE	-	-	-	22/06/82	53.5	12.8	3.5	0.6	167.8	13.0	4.2	2.50
5330	BRUCE	-	-	-	22/06/82	59.2	23.0	2.5	0.5	212.4	25.0	5.4	0.10
1334	DURHAM	-	-	-	-/8/70	176.0	17.0	23.0	2.1	388.0	75.0	89.0	12.00
1480	DURHAM	-	-	-	-/6/70	158.0	9.0	111.0	8.2	345.0	48.0	221.0	9.30
1492	DURHAM	-	-	-	8/6/87	67.2	19.5	3.4	1.7	-	45.3	2.5	0.15
1563	DURHAM	-	-	-	-/8/70	131.0	2.0	5.0	2.0	276.0	70.0	7.0	11.00

## 16. Glaciolacustrine sand and gravel deposits (A) Page 2 of 15

HOZE WELL #	COUNTY	UTH EASTING	UTH NORTHING	UTH ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
2676	DURHAM	-	-	-	27/11/62	-	-	-	-	-	-	12.0	-
4586	DURHAM	-	-	-	6/7/81	107.0	18.0	20.0	2.3	314.0	8.0	42.0	0.10
4845	DURHAM	-	-	-	02/7/81	104.0	14.0	6.5	0.9	226.0	35.0	23.0	7.40
5051	DURHAM	-	-	-	15/7/81	90.0	17.0	4.0	1.2	183.0	37.0	6.0	6.00
6349	DURHAM	-	-	-	15/12/74	126.0	15.0	23.0	1.9	295.0	48.0	52.0	3.20
6662	DURHAM	-	-	-	07/10/76	53.0	18.0	8.0	1.0	222.0	6.0	5.0	<0.10
11	ELGIN	-	-	-	13/10/70	74.0	35.0	201.0	3.5	346.0	1.0	354.0	-
69	ELGIN	-	-	-	20/7/71	101.0	34.0	202.0	4.4	385.0	<5	379.0	-
72	ELGIN	-	-	-	13/10/70	19.0	7.0	67.0	2.2	145.0	1.0	75.0	<0.01
84	ELGIN	-	-	-	7/7/71	152.0	19.0	9.0	6.4	414.0	118.0	10.0	0.35
98	ELGIN	-	-	-	15/7/65	56.0	8.0	2.3	1.6	117.0	72.0	8.0	0.54
113	ELGIN	-	-	-	28/7/71	43.0	14.0	11.0	0.9	219.0	<5	5.0	<0.01
118	ELGIN	-	-	-	15/7/65	87.0	12.0	11.6	3.5	350.0	55.0	16.0	3.02
121	ELGIN	-	-	-	15/7/65	112.0	12.0	11.6	6.3	229.0	101.0	20.0	20.00
150	ELGIN	-	-	-	29/7/71	14.0	7.0	38.0	0.7	132.0	15.0	15.0	0.04
160	ELGIN	-	-	-	15/7/65	98.0	21.0	88.0	2.7	184.0	82.0	19.0	<0.10
197	ELGIN	-	-	-	7/7/71	129.0	19.0	6.0	0.8	272.0	49.0	46.0	22.00
275	ELGIN	-	-	-	7/7/71	74.0	15.0	8.0	29.0	224.0	67.0	14.0	5.70
316	ELGIN	-	-	-	15/7/65	86.0	12.0	2.1	1.6	283.0	71.0	10.0	2.40
364	ELGIN	-	-	-	21/7/71	42.0	13.0	164.0	13.0	115.0	<5	303.0	<0.01
384	ELGIN	-	-	-	17/7/71	35.0	20.0	198.0	2.0	163.0	<5	337.0	<0.01
414	ELGIN	-	-	-	7/7/71	82.0	13.0	5.0	0.8	271.0	60.0	17.0	0.03
574	ELGIN	-	-	-	7/7/71	125.0	16.0	10.0	2.3	246.0	58.0	35.0	29.00
604	ELGIN	-	-	-	7/7/71	10.0	3.0	68.0	0.8	149.0	36.0	24.0	0.16
784	ELGIN	-	-	-	15/3/62	-	-	-	-	459.0	-	22.0	-
882	ELGIN	-	-	-	6/7/71	129.0	14.0	91.0	15.0	336.0	51.0	171.0	8.30

16. Glaciolacustrine sand and gravel deposits (A) Page 3 of 15

MOZ WELL #	COUNTY	UTH EASTING	UTH NORTHING	UTH ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
1006	ELGIN	-	-	-	26/7/71	9.0	3.0	72.0	0.9	176.0	13.0	19.0	<0.01
1063	ELGIN	-	-	-	6/7/71	106.0	15.0	3.0	0.9	202.0	35.0	27.0	28.00
244	HAIDIMAND	-	-	-	15/6/72	520.0	118.0	188.0	7.5	80.0	1840.0	59.0	0.16
257	HAIDIMAND	-	-	-	6/6/72	556.0	129.0	300.0	6.2	40.0	2100.0	197.0	<0.01
9393	HASTINGS	-	-	-	8/2/79	100.0	5.0	6.0	1.0	-	20.0	5.0	1.00
23	RENT	-	-	-	15/4/66	-	-	-	-	-	54.0	39.0	-
598	RENT	-	-	-	-/-/73	-	-	-	-	-	2.0	26.0	-
1314	RENT	-	-	-	16/9/69	6.0	3.0	403.0	2.5	412.0	1.0	399.0	-
3327	RENT	-	-	-	-/8/61	-	-	-	-	-	-	16.0	-
3588	RENT	-	-	-	15/9/69	30.0	14.0	144.0	2.7	126.0	1.0	238.0	-
6520	LANHTON	-	-	-	6/5/86	110.0	20.2	33.0	2.1	-	115.0	32.5	2.50
6637	LANHTON	-	-	-	5/5/86	85.5	14.4	5.0	3.4	-	51.0	49.5	10.70
7075	LANHTON	-	-	-	25/5/87	125.0	15.4	17.0	13.2	-	50.0	42.5	23.40
7157	LANHTON	-	-	-	1/5/86	80.0	12.0	2.9	9.5	-	56.0	13.0	9.70
285	MIDDLESEX	-	-	-	23/4/86	108.0	20.4	4.5	1.2	-	89.0	12.0	<0.01
415	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	32.0	4.0	-
5416	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	49.0	4.0	-
5546	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	2.0	166.0	-
6843	MIDDLESEX	-	-	-	25/4/86	105.0	18.8	11.5	13.0	-	49.0	37.0	28.50
7245	MIDDLESEX	-	-	-	23/4/86	120.0	32.2	28.0	2.9	-	72.5	68.5	<0.10
7599	MIDDLESEX	-	-	-	25/5/87	90.5	16.0	5.0	51.0	-	76.5	13.0	4.00
7711	MIDDLESEX	-	-	-	25/4/86	132.0	31.2	61.0	33.5	-	155.0	44.0	1.50
8133	MIDDLESEX	-	-	-	23/4/86	85.0	13.0	32.0	3.6	-	28.5	83.0	7.80
8308	MIDDLESEX	-	-	-	23/4/86	100.0	16.6	3.0	0.6	-	41.5	22.0	19.40
8836	MIDDLESEX	-	-	-	25/4/86	88.5	17.2	3.2	1.2	-	16.0	6.0	2.20
9014	MIDDLESEX	-	-	-	23/4/86	73.0	19.2	8.0	2.7	-	69.5	12.5	2.20

## 16. Glaciolacustrine sand and gravel deposits (A) Page 4 of 15

HOPE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
9081	MIDDLESEX	-	-	-	1/5/86	120.0	15.2	19.8	9.4	-	115.0	20.5	11.80
9308	MIDDLESEX	-	-	-	21/5/86	78.5	15.6	11.6	2.3	-	56.0	18.0	4.50
1110	NORFOLK	-	-	-	19/5/76	61.0	17.0	2.0	0.4	189.0	29.0	12.0	6.00
223	NORFOLK	-	-	-	30/7/64	84.0	17.0	8.0	-	232.0	107.0	8.0	0.80
319	NORFOLK	-	-	-	30/7/64	67.0	9.0	2.0	-	195.0	23.0	5.0	3.50
367	NORFOLK	-	-	-	19/5/76	114.0	14.0	66.0	2.9	288.0	59.0	105.0	7.10
411	NORFOLK	-	-	-	17/8/64	75.0	16.0	4.7	-	232.0	60.0	6.0	0.50
474	NORFOLK	-	-	-	19/5/76	96.0	17.0	17.0	7.6	246.0	110.0	13.0	2.90
555	NORFOLK	-	-	-	15/7/65	54.0	9.0	3.2	0.9	171.0	25.0	7.0	<0.10
569	NORFOLK	-	-	-	15/7/65	67.0	11.0	2.6	1.0	163.0	46.0	10.0	<0.13
645	NORFOLK	-	-	-	27/7/64	65.0	14.0	3.2	-	215.0	41.0	6.0	<0.10
658	NORFOLK	-	-	-	17/8/64	80.0	16.0	7.8	-	205.0	64.0	19.0	2.50
702	NORFOLK	-	-	-	29/7/65	10.0	6.0	35.0	1.3	124.0	0.0	3.0	<0.10
770	NORFOLK	-	-	-	15/7/65	75.0	12.0	3.7	1.0	160.0	58.0	16.0	<0.10
777	NORFOLK	-	-	-	15/7/65	98.0	17.0	18.1	24.0	217.0	93.0	26.0	1.87
805	NORFOLK	-	-	-	19/2/65	55.0	17.0	1.5	-	200.0	41.0	7.0	<0.10
868	NORFOLK	-	-	-	19/5/76	106.0	17.0	7.0	5.5	238.0	89.0	18.0	9.00
877	NORFOLK	-	-	-	10/8/64	55.0	10.0	1.8	-	161.0	33.0	5.0	2.50
946	NORFOLK	-	-	-	31/7/64	54.0	11.0	2.9	-	137.0	71.0	6.0	Trace
950	NORFOLK	-	-	-	15/7/65	82.0	12.0	24.0	1.9	232.0	43.0	26.0	<0.10
955	NORFOLK	-	-	-	10/8/64	86.0	13.0	5.5	-	207.0	53.0	11.0	7.00
969	NORFOLK	-	-	-	17/8/64	66.0	8.0	2.9	-	190.0	46.0	6.0	<0.10
990	NORFOLK	-	-	-	30/7/64	29.0	7.0	4.3	-	83.0	45.0	10.0	0.80
993	NORFOLK	-	-	-	17/8/64	63.0	9.0	3.8	-	193.0	70.0	13.0	2.50
1051	NORFOLK	-	-	-	17/8/64	71.0	10.0	3.8	-	149.0	54.0	8.0	5.00
1061	NORFOLK	-	-	-	31/7/64	56.0	9.0	3.2	-	161.0	39.0	6.0	0.80

## 16. Glaciolacustrine sand and gravel deposits (A) Page 5 of 15

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
1079	NORFOLK	-	-	-	31/7/64	72.0	14.0	31.0	-	193.0	56.0	5.0	3.00
1124	NORFOLK	-	-	-	31/7/64	54.0	11.0	2.7	-	166.0	45.0	5.0	0.50
1128	NORFOLK	-	-	-	31/7/64	54.0	12.0	3.6	-	161.0	44.0	7.0	1.20
1214	NORFOLK	-	-	-	17/8/64	81.0	8.0	2.4	-	195.0	49.0	6.0	5.00
1240	NORFOLK	-	-	-	3/12/64	76.0	24.0	Trace	0.7	185.0	55.0	17.0	1.80
1286	NORFOLK	-	-	-	19/5/76	67.0	22.0	9.0	1.1	246.0	63.0	4.0	<0.10
1342	NORFOLK	-	-	-	27/9/78	84.0	39.0	8.0	1.9	-	86.0	17.0	<0.10
1575	NORFOLK	-	-	-	19/5/76	67.0	18.0	4.0	0.6	243.0	34.0	4.0	0.10
1683	NORFOLK	-	-	-	17/7/64	51.0	11.0	3.0	-	156.0	17.0	7.0	2.60
1697	NORFOLK	-	-	-	17/7/64	71.0	8.0	3.0	-	217.0	30.0	3.0	0.00
1698	NORFOLK	-	-	-	3/12/64	40.0	26.0	14.5	1.6	230.0	55.0	-	-
1719	NORFOLK	-	-	-	30/7/64	82.0	15.0	6.5	-	249.0	35.0	18.0	4.40
1739	NORFOLK	-	-	-	27/7/64	78.0	13.0	3.1	-	198.0	62.0	7.0	4.00
1770	NORFOLK	-	-	-	27/7/64	78.0	12.0	2.7	-	205.0	55.0	7.0	2.50
1866	NORFOLK	-	-	-	27/7/64	80.0	15.0	3.8	-	259.0	47.0	6.0	<0.10
1897	NORFOLK	-	-	-	27/7/64	66.0	11.0	3.7	-	146.0	62.0	9.0	4.00
1923	NORFOLK	-	-	-	19/5/76	35.0	21.0	40.0	1.4	198.0	3.0	70.0	<0.10
2197	NORFOLK	-	-	-	19/5/76	46.0	8.0	4.0	0.3	149.0	26.0	4.0	0.10
2316	NORFOLK	-	-	-	19/5/76	72.0	20.0	110.0	1.1	288.0	56.0	140.0	2.50
2625	NORFOLK	-	-	-	19/5/76	93.0	26.0	3.0	0.7	306.0	48.0	14.0	9.80
2773	NORFOLK	-	-	-	19/5/76	82.0	19.0	3.0	0.9	226.0	78.0	11.0	3.20
2864	NORFOLK	-	-	-	19/5/76	74.0	42.0	20.0	2.3	160.0	270.0	3.0	0.10
2605	NORTHUMBERL	-	-	-	25/5/87	101.0	18.0	4.6	1.2	-	37.8	19.5	20.40
4321	NORTHUMBERL	-	-	-	21/5/86	73.0	19.8	3.6	1.4	-	46.2	3.0	0.60
-	NORTHUMBERL	250800	4887000	18	10/6/87	98.1	14.9	6.8	4.9	-	32.0	8.5	5.80
1721	OXFORD	-	-	-	10/7/64	98.0	2.0	6.0	-	298.0	21.0	2.0	<0.10



## 16. Glaciolacustrine sand and gravel deposits (A) Page 6 of 15

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BORATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
1794	OXFORD	-	-	-	29/7/65	30.0	20.0	28.0	1.3	179.0	39.0	4.0	0.15
2038	OXFORD	-	-	-	20/7/65	40.0	25.0	2.6	1.8	158.0	44.0	5.0	0.40
2081	OXFORD	-	-	-	29/7/65	42.0	34.0	5.5	1.3	248.0	15.0	3.0	<0.10
2091	OXFORD	-	-	-	29/7/65	26.0	13.0	50.0	1.4	236.0	0.0	4.0	Trace
2130	OXFORD	-	-	-	27/7/64	74.0	8.0	9.0	-	166.0	67.0	9.0	4.00
2132	OXFORD	-	-	-	29/7/65	46.0	41.0	9.5	1.8	164.0	95.0	18.0	0.20
2142	OXFORD	-	-	-	29/7/65	68.0	23.0	7.5	120.0	313.0	50.0	15.0	10.00
3813	PEEL	-	-	-	2/2/84	196.0	22.5	40.0	2.0	-	2.5	58.8	66.00
198	SIMCOE	-	-	-	21/8/68	71.0	19.0	68.0	1.2	358.0	0.0	57.0	0.04
489	SIMCOE	-	-	-	19/8/68	13.0	8.0	98.0	1.0	248.0	0.0	31.0	0.03
495	SIMCOE	-	-	-	5/12/62	-	-	-	-	-	8.0	549.0	-
521	SIMCOE	-	-	-	5/12/62	-	-	-	-	-	0.0	394.0	-
528	SIMCOE	-	-	-	23/8/68	151.0	13.0	12.0	0.8	297.0	36.0	116.0	2.40
535	SIMCOE	-	-	-	4/7/79	60.0	12.0	10.0	1.1	197.0	20.0	2.0	0.30
542	SIMCOE	-	-	-	16/6/68	20.0	13.0	24.0	0.8	185.0	1.0	2.0	0.50
754	SIMCOE	-	-	-	12/5/76	50.0	18.0	3.0	1.9	-	22.0	3.0	0.20
776	SIMCOE	-	-	-	12/5/76	58.0	7.0	<1	0.4	-	11.0	4.0	0.10
828	SIMCOE	-	-	-	12/5/76	50.0	80.0	3.0	2.1	-	24.0	5.0	0.30
850	SIMCOE	-	-	-	12/5/76	49.0	16.0	2.0	1.8	-	15.0	2.0	0.90
1892	SIMCOE	-	-	-	25/3/64	-	-	-	-	-	19.0	13.0	0.60
3663	SIMCOE	-	-	-	4/7/79	157.0	37.0	26.0	6.0	377.0	99.0	63.0	11.00
3888	SIMCOE	-	-	-	18/7/63	-	-	-	-	-	26.0	8.0	2.00
4023	SIMCOE	-	-	-	24/8/77	49.0	17.0	4.0	1.6	-	19.0	3.0	<0.10
4200	SIMCOE	-	-	-	24/11/66	39.0	29.0	110.0	-	-	5.0	151.0	-
4214	SIMCOE	-	-	-	14/6/65	-	-	-	-	-	-	53.0	-
4221	SIMCOE	-	-	-	14/6/65	-	-	-	-	-	-	58.0	-



## 16. Glaciolacustrine sand and gravel deposits (A) Page 7 of 15

WELL #	HOPE	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE-SIUM (Mg)	SODIUM (Na)	POTAS-SIUM (K)	BICAR-BORATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
4224	SINCOE	-	-	-	-	7/7/58	-	-	-	-	-	-	32.0	-
4231	SINCOE	-	-	-	-	20/8/68	99.0	35.0	5.0	1.0	302.0	63.0	14.0	0.17
4271	SINCOE	-	-	-	-	21/8/68	31.0	20.0	23.0	1.5	218.0	2.0	19.0	0.01
4476	SINCOE	-	-	-	-	18/7/63	-	-	-	-	-	16.0	5.0	-
4479	SINCOE	-	-	-	-	18/7/63	-	-	-	-	-	24.0	9.0	1.50
4503	SINCOE	-	-	-	-	18/7/63	-	-	-	-	-	-	10.0	0.10
4505	SINCOE	-	-	-	-	30/6/64	-	-	-	-	-	10.0	2.0	0.15
5125	SINCOE	-	-	-	-	22/6/77	115.0	16.0	15.0	1.2	333.0	50.0	26.0	7.70
6400	SINCOE	-	-	-	-	4/7/79	60.0	18.0	7.0	1.1	229.0	7.0	1.0	<0.10
6992	SINCOE	-	-	-	-	12/5/76	43.0	19.0	8.0	1.5	-	18.0	3.0	<0.10
8732	SINCOE	-	-	-	-	15/9/92	38.1	10.5	2.9	2.3	144.0	14.3	2.0	1.60
8742	SINCOE	-	-	-	-	-/11/88	88.0	14.0	2.3	1.5	274.0	11.0	2.0	3.96
8820	SINCOE	-	-	-	-	4/7/79	103.0	16.0	9.0	1.4	246.0	68.0	12.0	<0.10
9071	SINCOE	-	-	-	-	4/7/79	62.0	8.0	4.0	1.3	180.0	16.0	1.0	<0.10
9125	SINCOE	-	-	-	-	20/11/72	145.0	-	-	-	-	-	2.0	<0.01
9609	SINCOE	-	-	-	-	4/7/79	90.0	5.0	6.0	3.8	191.0	52.0	9.0	0.50
9709	SINCOE	-	-	-	-	17/9/92	29.9	14.2	7.1	2.9	150.0	12.5	1.5	<0.10
9997	SINCOE	-	-	-	-	8/8/78	117.0	12.0	5.0	1.6	260.0	67.0	8.0	1.70
10335	SINCOE	-	-	-	-	12/5/76	73.0	14.0	2.0	1.1	-	12.0	3.0	3.60
10360	SINCOE	-	-	-	-	24/8/77	60.0	21.0	4.0	2.0	-	24.0	3.0	<0.10
11374	SINCOE	-	-	-	-	4/7/79	65.0	18.0	6.0	1.3	227.0	18.0	2.0	<0.10
11855	SINCOE	-	-	-	-	9/7/91	42.2	10.9	2.5	1.5	128.0	13.0	3.3	1.50
12583	SINCOE	-	-	-	-	4/7/79	54.0	17.0	4.0	1.4	197.0	16.0	<1	<0.10
12992	SINCOE	-	-	-	-	16/2/94	65.7	22.9	3.4	1.7	271.0	18.0	8.0	1.03
13554	SINCOE	-	-	-	-	4/7/79	44.0	17.0	19.0	1.2	200.0	2.0	15.0	<0.10
15590	SINCOE	-	-	-	-	1/4/80	-	-	-	-	-	23.0	1.0	<0.10

## 16. Glaciolacustrine sand and gravel deposits (B) Page 8 of 15

HOPE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Ppm)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
170	BRANT	-	-	-	-/5/64	<0.05	149.0	218.0	-	362.0	7.80	-
262	BRANT	-	-	-	25/6/73	0.15	28.0	1940.0	3200.0	2907.0	7.10	1.40
560	BRANT	-	-	-	28/6/73	<0.05	258.0	344.0	660.0	390.0	7.60	0.10
608	BRANT	-	-	-	28/6/73	3.10	67.0	1410.0	2150.0	2020.0	7.50	1.20
613	BRANT	-	-	-	17/7/64	1.60	198.0	524.0	820.0	683.0	7.60	-
622	BRANT	-	-	-	17/7/64	1.48	224.0	218.0	350.0	274.0	7.70	-
656	BRANT	-	-	-	17/7/64	1.27	240.0	340.0	520.0	388.0	7.60	-
664	BRANT	-	-	-	19/2/65	4.90	142.0	1100.0	1500.0	1658.0	7.40	-
676	BRANT	-	-	-	24/7/64	0.81	176.0	242.0	390.0	272.0	7.70	-
679	BRANT	-	-	-	17/7/64	2.90	260.0	364.0	530.0	427.0	7.50	-
680	BRANT	-	-	-	3/12/64	-	320.0	-	620.0	490.0	-	-
694	BRANT	-	-	-	28/6/73	<0.05	234.0	330.0	600.0	382.0	7.40	0.10
752	BRANT	-	-	-	11/10/79	<0.10	239.0	351.0	820.0	539.0	7.50	-
795	BRANT	-	-	-	27/9/78	2.00	181.0	392.0	660.0	535.0	7.60	-
796	BRANT	-	-	-	26/7/73	1.90	174.0	452.0	810.0	569.0	7.60	0.30
803	BRANT	-	-	-	27/6/73	0.15	184.0	272.0	500.0	304.0	8.00	0.10
955	BRANT	-	-	-	28/9/78	0.80	273.0	327.0	570.0	390.0	7.50	-
1361	BRANT	-	-	-	28/9/78	<0.10	228.0	287.0	550.0	390.0	7.50	-
1472	BRANT	-	-	-	27/9/78	<0.10	176.0	268.0	480.0	345.0	7.70	-
668	BRUCE	-	-	-	21/01/75	0.05	222.0	244.0	-	-	7.70	-
3545	BRUCE	-	-	-	22/06/82	0.02	167.8	186.1	-	231.0	7.80	0.06
5330	BRUCE	-	-	-	22/06/82	0.13	212.4	242.6	-	302.0	7.80	0.30
1334	DURHAM	-	-	-	-/8/70	0.05	318.0	512.0	1093.0	740.0	7.30	-
1480	DURHAM	-	-	-	-/8/70	0.05	283.0	432.0	1329.0	1000.0	7.50	-
1492	DURHAM	-	-	-	8/6/87	-	215.7	248.0	476.0	-	8.23	-
1563	DURHAM	-	-	-	-/8/70	0.10	226.0	335.0	643.0	470.0	7.60	-

## 16. Glaciolacustrine sand and gravel deposits (B) Page 9 of 15

WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Pp)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
2676	DURHAM	-	-	-	27/11/62	0.27	208.0	184.0	-	-	-	-
4586	DURHAM	-	-	-	6/7/81	2.50	314.0	344.0	700.0	435.0	7.50	-
4845	DURHAM	-	-	-	02/7/81	0.05	226.0	116.0	590.0	-	8.00	-
5051	DURHAM	-	-	-	15/7/81	0.02	183.0	294.0	475.0	-	7.80	-
6349	DURHAM	-	-	-	15/12/74	<0.05	295.0	376.0	890.0	475.0	7.30	-
6662	DURHAM	-	-	-	07/10/76	0.20	222.0	208.0	370.0	246.0	7.70	-
11	ELGIN	-	-	-	13/10/70	6.60	284.0	328.0	-	970.0	7.50	-
69	ELGIN	-	-	-	20/7/71	8.50	316.0	392.0	1660.0	1000.0	7.30	1.10
72	ELGIN	-	-	-	13/10/70	0.40	119.0	76.0	-	270.0	7.80	-
84	ELGIN	-	-	-	7/7/71	0.85	339.0	460.0	820.0	630.0	8.00	<0.10
98	ELGIN	-	-	-	15/7/65	0.22	96.0	172.0	290.0	242.0	8.10	-
113	ELGIN	-	-	-	28/7/71	0.85	180.0	162.0	331.0	160.0	7.90	0.30
118	ELGIN	-	-	-	15/7/65	0.02	287.0	270.0	500.0	382.0	7.70	-
121	ELGIN	-	-	-	15/7/65	0.10	188.0	332.0	620.0	532.0	7.80	-
150	ELGIN	-	-	-	29/7/71	0.10	108.0	64.0	273.0	160.0	8.30	1.00
160	ELGIN	-	-	-	15/7/65	3.61	151.0	330.0	550.0	478.0	7.60	-
197	ELGIN	-	-	-	7/7/71	<0.05	223.0	398.0	772.0	580.0	7.90	<0.10
275	ELGIN	-	-	-	7/7/71	<0.05	184.0	244.0	568.0	450.0	-	<0.10
316	ELGIN	-	-	-	15/7/65	0.70	232.0	262.0	430.0	362.0	7.80	-
364	ELGIN	-	-	-	21/7/71	11.00	94.0	158.0	1091.0	650.0	8.30	0.80
384	ELGIN	-	-	-	21/7/71	0.40	134.0	170.0	1245.0	690.0	7.90	1.10
414	ELGIN	-	-	-	7/7/71	3.10	178.0	258.0	491.0	350.0	-	0.10
574	ELGIN	-	-	-	7/7/71	<0.05	202.0	376.0	780.0	640.0	-	<0.10
604	ELGIN	-	-	-	7/7/71	0.10	122.0	38.0	376.0	250.0	-	1.40
784	ELGIN	-	-	-	15/3/62	4.40	376.0	362.0	-	-	7.50	-
882	ELGIN	-	-	-	6/7/71	<0.05	276.0	380.0	1190.0	850.0	-	<0.10

## 16. Glaciolacustrine sand and gravel deposits (B) Page 10 of 15

HOZE WELL #	COUNTY	UTH EASTING	UTH NORTHING	UTH ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLUORIDE (P)
1006	ELGIN	-	-	-	26/7/71	0.25	144.0	34.0	348.0	180.0	8.40	1.30
1053	ELGIN	-	-	-	6/7/71	0.05	166.0	328.0	650.0	550.0	-	<0.10
244	HALDIMAND	-	-	-	15/6/72	2.30	66.0	1790.0	3266.0	3890.0	7.20	1.20
257	HALDIMAND	-	-	-	6/6/72	0.55	33.0	1920.0	3780.0	3600.0	-	1.20
9393	HASTINGS	-	-	-	8/2/79	<0.05	248.0	271.0	490.0	315.0	7.90	-
23	KENT	-	-	-	15/4/66	0.60	267.0	340.0	-	-	7.30	0.10
598	KENT	-	-	-	-/-/73	1.20	-	36.0	480.0	-	-	-
1314	KENT	-	-	-	16/9/69	0.20	338.0	29.0	1840.0	1020.0	8.10	1.60
3327	KENT	-	-	-	-/8/61	0.44	155.0	35.0	-	-	8.10	1.80
3588	KENT	-	-	-	15/9/69	0.70	103.0	132.0	945.0	570.0	7.90	1.10
6520	LAMBTON	-	-	-	6/5/86	-	278.0	358.0	845.0	-	7.50	-
6637	LAMBTON	-	-	-	5/5/86	-	150.0	273.0	605.0	-	7.84	-
7075	LAMBTON	-	-	-	25/5/87	0.02	248.0	376.0	840.0	-	7.29	-
7157	LAMBTON	-	-	-	1/5/86	-	162.0	249.0	445.0	-	7.88	-
285	MIDDLESEX	-	-	-	23/4/86	-	271.0	354.0	685.0	-	7.41	-
415	MIDDLESEX	-	-	-	-/-/73	0.85	-	276.0	520.0	-	-	-
5416	MIDDLESEX	-	-	-	-/-/73	1.90	-	495.0	495.0	-	-	-
5546	MIDDLESEX	-	-	-	-/-/73	1.70	-	48.0	890.0	-	-	-
6843	MIDDLESEX	-	-	-	25/4/86	-	184.0	340.0	725.0	-	7.47	-
7245	MIDDLESEX	-	-	-	23/4/86	-	335.0	433.0	930.0	-	7.24	-
7599	MIDDLESEX	-	-	-	25/5/87	0.10	258.0	292.0	700.0	-	7.25	-
7711	MIDDLESEX	-	-	-	25/4/86	-	423.0	459.0	990.0	-	7.41	-
8133	MIDDLESEX	-	-	-	23/4/86	-	162.0	166.0	705.0	-	7.63	-
8308	MIDDLESEX	-	-	-	23/4/86	-	201.0	318.0	665.0	-	7.62	-
8836	MIDDLESEX	-	-	-	25/4/86	-	280.0	292.0	520.0	-	7.45	-
9014	MIDDLESEX	-	-	-	23/4/86	-	176.0	262.0	525.0	-	7.66	-

## 16. Glaciolacustrine sand and gravel deposits (B) Page 11 of 15

WELL #	NOBE	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
9081		MIDDLESEX	-	-	-	1/5/86	-	264.0	363.0	665.0	-	7.54	-
9308		MIDDLESEX	-	-	-	21/5/86	-	187.0	263.0	570.0	-	7.68	-
110		NORFOLK	-	-	-	19/5/76	0.05	155.0	220.0	420.0	273.0	7.80	0.10
223		NORFOLK	-	-	-	30/7/64	0.16	190.0	280.0	460.0	-	7.70	-
319		NORFOLK	-	-	-	30/7/64	0.19	160.0	204.0	330.0	-	7.80	-
367		NORFOLK	-	-	-	19/5/76	<0.05	236.0	340.0	900.0	546.0	7.50	0.10
411		NORFOLK	-	-	-	17/8/64	0.34	190.0	254.0	410.0	-	7.70	-
474		NORFOLK	-	-	-	19/5/76	<0.05	202.0	308.0	620.0	406.0	7.70	0.10
555		NORFOLK	-	-	-	15/7/65	2.40	-	174.0	280.0	264.0	7.80	-
569		NORFOLK	-	-	-	15/7/65	1.20	-	214.0	350.0	288.0	7.80	-
645		NORFOLK	-	-	-	27/7/64	0.81	176.0	220.0	340.0	-	7.90	-
658		NORFOLK	-	-	-	17/8/64	0.31	168.0	250.0	430.0	-	7.60	-
702		NORFOLK	-	-	-	29/7/65	0.30	-	50.0	210.0	182.0	8.00	-
770		NORFOLK	-	-	-	15/7/65	0.11	-	240.0	400.0	346.0	7.90	-
777		NORFOLK	-	-	-	15/7/65	0.31	-	316.0	610.0	558.0	8.00	-
805		NORFOLK	-	-	-	19/2/65	0.35	164.0	210.0	320.0	238.0	7.90	-
868		NORFOLK	-	-	-	19/5/76	<0.05	195.0	332.0	620.0	390.0	7.60	0.10
877		NORFOLK	-	-	-	10/8/64	0.09	132.0	180.0	280.0	-	7.90	-
946		NORFOLK	-	-	-	31/7/64	0.29	112.0	180.0	270.0	-	8.00	-
950		NORFOLK	-	-	-	15/7/65	2.90	-	254.0	500.0	394.0	7.50	-
955		NORFOLK	-	-	-	10/8/64	0.10	170.0	270.0	440.0	-	7.70	-
969		NORFOLK	-	-	-	17/8/64	0.51	156.0	200.0	340.0	-	7.40	-
990		NORFOLK	-	-	-	30/7/64	0.16	68.0	122.0	210.0	-	8.20	-
993		NORFOLK	-	-	-	17/8/64	0.25	156.0	218.0	430.0	-	7.70	-
1051		NORFOLK	-	-	-	17/8/64	0.20	122.0	220.0	370.0	-	7.80	-
1061		NORFOLK	-	-	-	31/7/64	0.09	132.0	178.0	280.0	-	8.10	-



## 16. Glaciolacustrine sand and gravel deposits (B) Page 12 of 15

HOPE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (%)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
1079	NORFOLK	-	-	-	31/7/64	0.10	158.0	238.0	310.0	-	7.80	-
1124	NORFOLK	-	-	-	31/7/64	0.10	136.0	180.0	280.0	-	7.90	-
1128	NORFOLK	-	-	-	31/7/64	0.19	132.0	184.0	300.0	-	7.90	-
1234	NORFOLK	-	-	-	17/8/64	0.25	160.0	234.0	400.0	-	7.80	-
1240	NORFOLK	-	-	-	31/7/64	0.10	152.0	290.0	380.0	276.0	7.70	-
1286	NORFOLK	-	-	-	19/5/76	2.50	202.0	258.0	490.0	293.0	7.70	0.70
1342	NORFOLK	-	-	-	27/9/78	0.30	270.0	369.0	630.0	465.0	7.50	-
1575	NORFOLK	-	-	-	19/5/76	0.70	199.0	240.0	435.0	283.0	7.70	0.20
1683	NORFOLK	-	-	-	17/7/64	0.20	128.0	172.0	280.0	-	7.90	-
1697	NORFOLK	-	-	-	17/7/64	1.45	178.0	210.0	330.0	-	7.70	-
1698	NORFOLK	-	-	-	3/12/64	<0.05	188.0	-	375.0	292.0	-	-
1719	NORFOLK	-	-	-	30/7/64	0.19	204.0	266.0	420.0	-	7.70	-
1739	NORFOLK	-	-	-	27/7/64	0.10	162.0	248.0	390.0	-	7.80	-
1770	NORFOLK	-	-	-	27/7/64	0.18	168.0	240.0	380.0	-	7.70	-
1866	NORFOLK	-	-	-	27/7/64	0.91	212.0	262.0	410.0	-	7.70	-
1897	NORFOLK	-	-	-	27/7/64	0.10	120.0	212.0	340.0	-	7.90	-
1923	NORFOLK	-	-	-	19/5/76	0.10	162.0	176.0	520.0	270.0	7.90	1.60
2197	NORFOLK	-	-	-	19/5/76	0.45	122.0	150.0	295.0	192.0	8.00	0.10
2336	NORFOLK	-	-	-	19/5/76	0.05	236.0	264.0	960.0	548.0	7.70	0.30
2625	NORFOLK	-	-	-	19/5/76	<0.05	251.0	338.0	450.0	283.0	7.80	0.10
2773	NORFOLK	-	-	-	19/5/76	0.05	185.0	286.0	530.0	324.0	7.80	0.10
2884	NORFOLK	-	-	-	19/5/76	0.20	131.0	356.0	690.0	506.0	7.90	1.60
2605	NORTHUMBERL	-	-	-	25/5/87	-	190.7	326.0	655.0	-	8.06	-
4321	NORTHUMBERL	-	-	-	21/5/86	-	219.0	264.0	485.0	-	8.10	-
-	NORTHUMBERL	290800	4887000	18	10/6/87	<0.05	261.4	306.4	568.0	-	7.91	-
1721	OXFORD	-	-	-	10/7/64	0.80	244.0	252.0	390.0	-	7.60	-



16. Glaciolacustrine sand and gravel deposits (B) Page 13 of 15

HOPE WELL #	COUNTY	UTH EASTING	UTH NORTHING	UTH ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no unite)	FLOURIDE (F)
1794	OXFORD	-	-	-	29/7/65	4.00	-	156.0	355.0	270.0	8.10	-
2038	OXFORD	-	-	-	20/7/65	0.20	-	206.0	345.0	328.0	8.10	-
2081	OXFORD	-	-	-	29/7/65	3.00	-	244.0	400.0	284.0	8.00	-
2091	OXFORD	-	-	-	29/7/65	1.40	-	122.0	370.0	278.0	8.20	-
2130	OXFORD	-	-	-	27/7/64	0.14	136.0	224.0	370.0	-	7.80	-
2132	OXFORD	-	-	-	29/7/65	0.28	-	284.0	510.0	426.0	7.80	-
2142	OXFORD	-	-	-	29/7/65	0.15	-	266.0	800.0	600.0	7.80	-
3813	PEEL	-	-	-	2/2/84	-	234.0	582.0	1340.0	-	7.68	-
198	SIMCOE	-	-	-	21/8/68	6.60	294.0	256.0	714.0	430.0	7.40	0.30
489	SIMCOE	-	-	-	19/8/68	0.65	203.0	64.0	462.0	306.0	8.20	0.30
495	SIMCOE	-	-	-	5/12/62	0.22	112.0	380.0	-	-	7.50	-
521	SIMCOE	-	-	-	5/12/62	0.10	108.0	354.0	-	-	7.70	-
528	SIMCOE	-	-	-	23/8/68	0.10	244.0	434.0	904.0	650.0	7.30	<0.10
535	SIMCOE	-	-	-	4/7/79	0.06	197.0	200.0	405.0	265.0	7.80	0.10
542	SIMCOE	-	-	-	16/6/68	0.45	152.0	104.0	280.0	160.0	8.10	-
754	SIMCOE	-	-	-	12/5/76	0.05	174.0	196.0	360.0	234.0	7.90	-
776	SIMCOE	-	-	-	12/5/76	<0.05	154.0	172.0	310.0	202.0	8.00	-
828	SIMCOE	-	-	-	12/5/76	0.05	172.0	198.0	365.0	237.0	7.90	-
850	SIMCOE	-	-	-	12/5/76	<0.05	167.0	186.0	345.0	274.0	7.90	-
1892	SIMCOE	-	-	-	25/3/64	0.13	194.0	250.0	-	300.0	8.00	-
3663	SIMCOE	-	-	-	4/7/79	0.05	377.0	544.0	1100.0	785.0	7.20	0.10
3888	SIMCOE	-	-	-	18/7/63	0.20	178.0	190.0	-	-	7.90	2.00
4023	SIMCOE	-	-	-	24/8/77	<0.05	175.0	191.0	361.0	235.0	7.80	-
4200	SIMCOE	-	-	-	24/11/66	2.00	254.0	220.0	-	-	7.80	-
4214	SIMCOE	-	-	-	14/6/65	4.30	467.0	378.0	-	-	7.50	0.20
4221	SIMCOE	-	-	-	14/6/65	3.50	455.0	390.0	-	-	7.50	0.20

## 16. Glaciolacustrine sand and gravel deposits (B) Page 14 of 15

NOE WELL #	COUNTY	UTH EASTING	UTH NORTHING	UTH ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
4224	SIMCOE	-	-	-	7/7/58	3.40	418.0	372.0	-	-	7.90	-
4231	SIMCOE	-	-	-	20/8/68	0.25	248.0	344.0	638.0	434.0	7.60	0.10
4271	SIMCOE	-	-	-	21/8/68	0.25	179.0	162.0	391.0	236.0	7.80	0.30
4476	SIMCOE	-	-	-	18/7/63	0.25	174.0	166.0	-	-	7.90	-
4479	SIMCOE	-	-	-	18/7/63	0.12	242.0	249.0	-	-	7.50	-
4503	SIMCOE	-	-	-	18/7/63	0.15	120.0	122.0	-	-	8.20	2.00
4505	SIMCOE	-	-	-	30/6/64	-	156.0	162.0	-	-	8.10	0.10
5125	SIMCOE	-	-	-	22/6/77	0.25	273.0	355.0	685.0	485.0	8.30	0.10
6400	SIMCOE	-	-	-	4/7/79	0.70	229.0	222.0	430.0	280.0	7.80	0.10
6992	SIMCOE	-	-	-	12/5/76	0.25	175.0	184.0	355.0	231.0	7.80	-
8732	SIMCOE	-	-	-	15/9/92	0.02	145.0	138.0	313.0	186.0	7.90	<0.10
8742	SIMCOE	-	-	-	-/11/88	<0.02	276.0	278.0	570.0	470.0	7.90	0.50
8820	SIMCOE	-	-	-	4/7/79	3.80	246.0	324.0	590.0	410.0	7.70	0.10
9071	SIMCOE	-	-	-	4/7/79	1.88	180.0	188.0	360.0	235.0	7.80	0.10
9125	SIMCOE	-	-	-	20/11/72	0.70	202.0	208.0	368.0	210.0	8.00	-
9609	SIMCOE	-	-	-	4/7/79	0.45	191.0	244.0	495.0	335.0	7.60	0.10
9709	SIMCOE	-	-	-	17/9/92	0.19	152.0	133.0	306.0	261.0	7.90	0.30
9997	SIMCOE	-	-	-	8/8/78	<0.05	260.0	340.0	590.0	490.0	7.40	0.10
10315	SIMCOE	-	-	-	12/5/76	0.05	209.0	236.0	430.0	280.0	7.80	-
10360	SIMCOE	-	-	-	24/8/77	0.65	224.0	238.0	445.0	290.0	8.00	-
11374	SIMCOE	-	-	-	4/7/79	0.98	227.0	236.0	450.0	285.0	7.70	0.10
11855	SIMCOE	-	-	-	9/7/91	0.02	130.0	150.0	300.0	169.0	8.20	-
12583	SIMCOE	-	-	-	4/7/79	0.83	197.0	204.0	390.0	255.0	7.80	0.10
12992	SIMCOE	-	-	-	16/2/94	<0.05	222.0	258.0	425.0	391.0	7.90	-
13554	SIMCOE	-	-	-	4/7/79	1.07	200.0	180.0	410.0	265.0	7.90	0.20
15590	SIMCOE	-	-	-	1/4/80	0.70	197.0	199.0	373.0	240.0	7.80	0.10

## 16. Glaciolacustrine sand and gravel deposits (A,B) Page 15 of 15

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
1866	WENTWORTH	-	-	-	27/9/78	110.0	18.0	7.0	2.5	-	89.0	11.0	<0.10
7005	WENTWORTH	-	-	-	27/9/78	114.0	18.0	7.0	1.2	-	65.0	6.0	1.00
2299	YORK	-	-	-	8/8/78	72.0	26.0	4.0	1.3	316.0	33.0	<1	0.10
2308	YORK	-	-	-	22/6/77	58.0	14.0	3.0	1.0	244.0	8.0	1.0	<0.10
2658	YORK	-	-	-	22/6/77	66.0	26.0	19.0	0.9	303.0	35.0	19.0	<0.10
2672	YORK	-	-	-	22/6/77	90.0	20.0	60.0	0.8	309.0	4.0	86.0	<0.10
3679	YORK	-	-	-	6/25/74	40.0	34.0	13.0	2.0	310.0	2.0	2.0	<0.20
10510	YORK	-	-	-	24/6/77	141.0	7.0	44.0	1.4	345.0	31.0	100.0	5.40
10992	YORK	-	-	-	6/26/74	51.0	17.0	25.0	2.2	288.0	3.0	22.0	<0.20
					# of sample	171	189	170	134	132	184	191	170
					mean	90.9	20.5	25.9	4.4	226.5	97.0	37.4	3.47
					minimum	6.0	2.0	0.1	0.3	34.0	0.1	1.0	<0.01
					maximum	556.0	158.0	403.0	120.0	459.0	2100.0	549.0	66.00

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
1866	WENTWORTH	-	-	-	27/9/78	0.20	257.0	350.0	620.0	450.0	7.30	-
7005	WENTWORTH	-	-	-	27/9/78	0.60	299.0	362.0	620.0	445.0	7.30	-
2299	YORK	-	-	-	8/8/78	3.70	259.0	284.0	510.0	390.0	7.60	0.10
2308	YORK	-	-	-	22/6/77	0.65	200.0	202.0	368.0	260.0	8.60	0.10
2658	YORK	-	-	-	22/6/77	<1	248.0	272.0	510.0	382.0	7.90	0.30
2672	YORK	-	-	-	22/6/77	0.75	253.0	307.0	795.0	562.0	7.40	0.20
3679	YORK	-	-	-	6/25/74	0.55	255.0	232.0	435.0	230.0	7.70	-
10510	YORK	-	-	-	24/6/77	1.00	283.0	380.0	908.0	641.0	7.00	0.10
10992	YORK	-	-	-	6/26/74	0.35	220.0	200.0	450.0	270.0	7.60	-
					# of sample	171	175	191	169	123	171	70
					mean	0.92	204.4	302.8	623.8	506.1	7.74	0.46
					minimum	0.02	28.0	29.0	210.0	160.0	7.00	<0.10
					maximum	11.00	467.0	1940.0	3780.0	3890.0	8.60	2.00

## 17. Glaciomarine and marine sand and gravel deposits (A,B)

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
-	GRENVILLE	453750	4962450	18	-/5/76	162.0	60.0	28.0	83.0	700.0	94.0	61.0	11.00
-	GRENVILLE	458250	4979600	18	-/5/76	110.0	73.0	50.0	63.0	534.0	79.0	111.0	9.40
-	OTTAWA CARLE	455000	5009000	18	-/7/76	56.0	10.0	16.0	1.8	189.0	18.0	24.0	3.80
-	OTTAWA CARLE	454900	5021100	18	-/7/76	141.0	34.0	40.0	2.9	382.0	120.0	68.0	10.00
-	RUSSELL	487600	5019400	18	-/6/76	37.0	14.0	230.0	8.2	586.0	5.0	112.0	<0.10
					# of sample	5	5	5	5	5	5	5	5
					mean	101.2	38.2	72.8	31.8	478.2	63.2	75.2	6.86
					minimum	37.0	10.0	16.0	1.8	189.0	5.0	24.0	<0.10
					maximum	162.0	73.0	230.0	83.0	700.0	120.0	112.0	11.00

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS (no units)	pH (no units)	FLOURIDE (F)
-	GRENVILLE	453750	4962450	18	-/5/76	1.30	574.0	652.0	1410.0	908.0	-	-
-	GRENVILLE	458250	4979600	18	-/5/76	0.70	438.0	576.0	1290.0	766.0	7.40	-
-	OTTAWA CARLE	455000	5009000	18	-/7/76	<0.05	155.0	182.0	425.0	277.0	7.90	-
-	OTTAWA CARLE	454900	5021100	18	-/7/76	0.05	313.0	492.0	980.0	718.0	7.30	-
-	RUSSELL	487600	5019400	18	-/6/76	0.60	480.0	148.0	1140.0	732.0	7.90	-
					# of sample	5	5	5	5	5	4	0
					mean	0.54	392.0	410.0	1049.0	680.2	7.63	-
					minimum	<0.05	155.0	148.0	425.0	277.0	7.30	-
					maximum	1.30	574.0	652.0	1410.0	908.0	7.90	-

## 18. Glaciolacustrine silt and clay deposits (A) Page 1 of 7

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
301	BRANT	-	-	-	-/5/64	92.0	45.0	170.0	-	-	320.0	520.0	-
414	BRANT	-	-	-	-/5/64	550.0	128.0	110.0	-	-	2050.0	62.0	-
837	BRANT	-	-	-	4/7/73	220.0	56.0	46.0	2.1	-	260.0	99.0	19.00
859	BRANT	-	-	-	3/7/73	114.0	36.0	11.0	1.3	418.0	110.0	4.0	0.47
1191	BRANT	-	-	-	26/6/73	142.0	130.0	64.0	4.5	639.0	440.0	41.0	4.00
1221	BRANT	-	-	-	26/7/73	97.0	64.0	87.0	9.9	-	160.0	121.0	1.20
1238	BRANT	-	-	-	26/6/73	75.0	23.0	3.0	1.7	252.0	89.0	5.0	0.02
1564	BRANT	-	-	-	3/7/73	126.0	34.0	13.0	18.0	432.0	100.0	18.0	6.20
1608	BRANT	-	-	-	4/7/73	86.0	45.0	22.0	5.3	493.0	49.0	8.0	2.80
1941	BRANT	-	-	-	26/7/73	98.0	34.0	33.0	4.0	-	100.0	32.0	5.60
654	BRUCE	-	-	-	27/04/82	54.0	32.0	11.5	1.1	269.0	29.0	3.0	0.10
4683	BRUCE	-	-	-	24/06/82	91.0	34.9	1.8	0.7	332.8	52.0	0.2	0.10
4921	BRUCE	-	-	-	16/06/82	82.9	37.9	39.8	6.4	72.6	185.0	134.2	0.20
7239	DURHAM	-	-	-	12/1/74	115.0	18.0	6.0	1.6	251.0	72.0	19.0	8.10
20	ELGIN	-	-	-	20/7/71	15.0	5.0	104.0	1.0	178.0	<5	102.0	-
27	ELGIN	-	-	-	19/7/71	23.0	8.0	113.0	1.6	107.0	<5	183.0	-
92	ELGIN	-	-	-	24/3/63	-	-	-	-	393.0	-	165.0	-
101	ELGIN	-	-	-	30/6/85	111.0	18.0	6.0	15.0	352.0	71.0	13.0	-
631	ELGIN	-	-	-	16/6/60	-	-	-	-	378.0	-	13.0	-
772	ELGIN	-	-	-	6/7/71	18.0	6.0	68.0	0.9	139.0	81.0	7.0	0.21
789	ELGIN	-	-	-	6/7/71	120.0	28.0	11.0	1.4	395.0	79.0	16.0	0.30
1041	ELGIN	-	-	-	7/7/71	84.0	18.0	7.0	1.0	251.0	74.0	6.0	0.03
1146	ELGIN	-	-	-	18/1/56	14.0	10.0	-	-	237.0	-	-	-
1167	ESSEX	-	-	-	16/9/70	77.0	89.0	61.0	4.0	183.0	334.0	99.0	-
1140	ESSEX	-	-	-	8/7/70	728.0	346.0	873.0	23.8	224.0	1610.0	2360.0	-
2026	ESSEX	-	-	-	15/7/70	320.0	110.0	26.0	2.8	236.0	940.0	34.0	-



## 18. Glaciolacustrine silt and clay deposits (A) Page 2 of 7

WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE-SIUM (Mg)	SODIUM (Na)	POTAS-SIUM (K)	BICAR-BONATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
2250	ESSEX	-	-	-	14/7/70	240.0	197.0	503.0	11.5	302.0	305.0	1411.0	-
2415	ESSEX	-	-	-	9/7/70	141.0	28.0	4.0	1.1	332.0	165.0	23.0	-
50	HALDIMAND	-	-	-	18/7/72	632.0	121.0	304.0	9.6	44.0	1862.0	572.0	0.20
70	HALDIMAND	-	-	-	7/6/72	508.0	129.0	172.0	3.9	69.0	2000.0	21.0	<0.01
88	HALDIMAND	-	-	-	15/6/72	512.0	153.0	158.0	3.7	78.0	1700.0	51.0	<0.01
308	HALDIMAND	-	-	-	9/6/72	504.0	219.0	82.0	5.2	301.0	2000.0	14.0	0.01
342	HALDIMAND	-	-	-	2/10/78	292.0	30.0	20.0	2.4	-	600.0	15.0	<0.10
390	HALDIMAND	-	-	-	8/6/72	632.0	83.0	37.0	3.2	438.0	1400.0	38.0	5.00
440	HALDIMAND	-	-	-	14/6/72	440.0	54.0	11.0	1.7	305.0	950.0	9.0	0.01
444	HALDIMAND	-	-	-	2/10/78	110.0	41.0	37.0	2.5	-	109.0	86.0	<0.10
465	HALDIMAND	-	-	-	16/6/72	580.0	54.0	32.0	2.1	351.0	1350.0	48.0	0.01
759	HALDIMAND	-	-	-	17/7/72	624.0	73.0	110.0	9.0	80.0	1890.0	49.0	0.10
787	HALDIMAND	-	-	-	15/1/73	496.0	117.0	186.0	3.8	37.0	1985.0	11.0	0.05
811	HALDIMAND	-	-	-	9/6/72	516.0	119.0	96.0	5.5	219.0	1650.0	25.0	1.40
870	HALDIMAND	-	-	-	15/6/72	620.0	138.0	190.0	4.8	196.0	1670.0	481.0	0.01
1198	HALDIMAND	-	-	-	13/2/68	-	-	-	-	-	-	4.0	-
1352	HALDIMAND	-	-	-	28/11/72	564.0	53.0	21.0	1.4	318.0	1350.0	44.0	<0.01
1478	HALDIMAND	-	-	-	19/7/72	412.0	55.0	15.0	2.7	361.0	892.0	10.0	<0.01
456	KENT	-	-	-	16/9/69	35.0	12.0	334.0	3.7	320.0	1.0	455.0	-
2392	KENT	-	-	-	1/4/65	-	-	-	-	-	<1.0	131.0	-
2614	KENT	-	-	-	11/9/69	15.0	8.0	214.0	4.5	332.0	1.0	204.0	-
3057	KENT	-	-	-	10/9/69	63.0	18.0	14.0	2.0	306.0	1.0	6.0	-
3386	KENT	-	-	-	12/9/69	16.0	8.0	181.0	3.1	282.0	1.0	171.0	-
3522	KENT	-	-	-	12/9/69	16.0	10.0	61.0	1.8	205.0	1.0	29.0	-
4774	LAMBTON	-	-	-	21/5/87	130.0	18.8	6.5	8.0	-	38.5	6.5	0.60
6675	LAMBTON	-	-	-	25/5/87	72.5	12.2	6.3	0.9	-	67.5	12.5	8.00



## 18. Glaciolacustrine silt and clay deposits (A) Page 3 of 7

WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
7390	LAMBERTON	-	-	-	15/5/87	175.0	22.8	13.0	10.0	-	13.5	48.5	0.10
3742	MIDDLESEX	-	-	-	-/-/73	-	-	-	-	-	-	2.0	-
7152	MIDDLESEX	-	-	-	1/5/86	94.5	14.4	20.5	0.5	-	31.0	44.0	1.00
8561	MIDDLESEX	-	-	-	6/5/86	145.0	25.8	7.0	2.3	-	158.0	<1.0	30.00
2073	NORFOLK	-	-	-	19/5/76	42.0	44.0	65.0	2.6	338.0	100.0	17.0	1.20
2806	NORFOLK	-	-	-	19/5/76	80.0	21.0	28.0	4.6	314.0	49.0	7.0	5.60
620	OXFORD	-	-	-	29/7/65	30.0	35.0	7.5	1.5	221.0	13.0	4.0	<0.01
64	PEEL	-	-	-	24/12/75	98.0	30.0	190.0	7.4	449.0	440.0	174.0	0.60
2471	PEEL	-	-	-	30/9/77	80.0	50.0	107.0	7.7	215.0	130.0	204.0	7.40
2702	PEEL	-	-	-	24/12/75	85.0	50.0	74.0	5.9	511.0	22.0	173.0	<0.20
1175	PERTH	-	-	-	-/-/73	-	-	-	-	-	34.0	11.0	-
443	SIMCOE	-	-	-	27/7/59	-	-	-	-	-	-	3.0	-
768	SIMCOE	-	-	-	12/5/76	59.0	16.0	4	1.7	-	14.0	4.0	0.50
796	SIMCOE	-	-	-	12/5/76	-	<1.0	75.0	0.2	-	15.0	4.0	<0.10
831	SIMCOE	-	-	-	12/5/76	18.0	8.0	48.0	0.9	-	22.0	29.0	<0.10
841	SIMCOE	-	-	-	12/5/76	40.0	18.0	24.0	2.8	-	27.0	14.0	<0.10
3574	SIMCOE	-	-	-	18/12/62	-	-	-	-	-	72.3	259.0	-
3880	SIMCOE	-	-	-	4/7/79	9.0	4.0	57.0	0.7	112.0	<1.0	36.0	<0.10
4091	SIMCOE	-	-	-	22/6/77	42.0	19.0	30.0	1.3	298.0	4.0	10.0	<0.10
4150	SIMCOE	-	-	-	20/8/68	134.0	22.0	30.0	22.0	444.0	86.0	15.0	7.80
4331	SIMCOE	-	-	-	12/5/76	41.0	30.0	18.0	2.0	-	8.0	4.0	<0.10
5179	SIMCOE	-	-	-	28/7/77	35.0	21.0	109.0	1.5	280.0	3.0	80.0	<0.10
5230	SIMCOE	-	-	-	4/8/66	604.0	-	542.0	-	-	90.0	111.0	0.23
5260	SIMCOE	-	-	-	2/8/67	-	-	-	-	-	-	353.0	-
5282	SIMCOE	-	-	-	8/8/78	128.0	30.0	22.0	1.9	359.0	84.0	35.0	14.00
6282	SIMCOE	-	-	-	8/8/78	128.0	30.0	22.0	1.9	294.0	84.0	35.0	1.40

## 18. Glaciolacustrine silt and clay deposits (B) Page 4 of 7

HOPE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
301	BRANT	-	-	-	-/5/64	0.05	90.0	415.0	-	-	7.80	-
414	BRANT	-	-	-	-/5/64	3.40	154.0	1900.0	-	-	7.40	-
837	BRANT	-	-	-	4/7/73	<0.10	421.0	780.0	1540.0	1030.0	7.20	-
859	BRANT	-	-	-	3/7/73	0.05	343.0	432.0	780.0	494.0	7.20	<0.10
1191	BRANT	-	-	-	26/6/73	0.15	524.0	890.0	1480.0	1164.0	7.50	0.40
1221	BRANT	-	-	-	26/7/73	0.40	306.0	520.0	1180.0	698.0	7.80	0.40
1238	BRANT	-	-	-	26/6/73	0.45	207.0	294.0	540.0	332.0	7.60	0.10
1564	BRANT	-	-	-	3/7/73	0.15	355.0	456.0	880.0	560.0	7.30	<0.10
1608	BRANT	-	-	-	4/7/73	0.15	405.0	400.0	800.0	483.0	7.30	<0.10
1941	BRANT	-	-	-	26/7/73	<0.10	305.0	384.0	840.0	519.0	7.80	-
654	BRUCE	-	-	-	14/04/82	4.65	269.0	282.0	-	315.0	7.80	0.93
4883	BRUCE	-	-	-	24/06/82	0.18	332.8	370.6	-	417.0	7.50	0.08
4921	BRUCE	-	-	-	16/06/82	0.03	72.6	336.2	-	640.0	7.60	1.30
7239	DURHAM	-	-	-	12/1/74	<0.05	251.0	364.0	675.0	400.0	7.70	-
20	ELGIN	-	-	-	20/7/71	0.30	146.0	58.0	571.0	290.0	8.00	1.20
27	ELGIN	-	-	-	19/7/71	0.35	88.0	92.0	758.0	410.0	8.00	1.40
92	ELGIN	-	-	-	24/3/63	2.56	322.0	170.0	-	-	7.70	-
101	ELGIN	-	-	-	30/6/65	0.20	289.0	354.0	600.0	516.0	7.70	-
631	ELGIN	-	-	-	16/6/60	0.20	310.0	448.0	-	-	7.20	-
772	ELGIN	-	-	-	6/7/71	0.05	114.0	68.0	413.0	300.0	7.80	0.80
788	ELGIN	-	-	-	6/7/71	0.15	324.0	416.0	760.0	540.0	7.50	0.40
1041	ELGIN	-	-	-	7/7/71	0.10	206.0	284.0	535.0	380.0	7.70	<0.10
1146	ELGIN	-	-	-	18/1/56	-	194.0	74.0	-	-	7.90	1.50
1167	ESSEX	-	-	-	16/9/70	1.20	150.0	524.0	1209.0	960.0	7.80	1.10
1840	ESSEX	-	-	-	8/7/70	1.10	184.0	3260.0	9070.0	7800.0	7.60	1.80
2026	ESSEX	-	-	-	15/7/70	0.15	194.0	1220.0	2020.0	1940.0	7.50	1.20

## 18. Glaciolacustrine silt and clay deposits (B) Page 5 of 7

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	PR (no units)	FLOURIDE (F)
2250	ESSEX	-	-	-	14/7/70	4.30	248.0	1420.0	5000.0	3470.0	8.30	1.20
2415	ESSEX	-	-	-	9/7/70	4.15	272.0	468.0	851.0	650.0	7.30	<0.10
50	HALDIMAND	-	-	-	18/7/72	5.20	36.0	2080.0	4393.0	2080.0	7.60	-
70	HALDIMAND	-	-	-	7/6/72	0.35	57.0	1800.0	3105.0	1800.0	-	1.20
88	HALDIMAND	-	-	-	15/6/72	2.40	64.0	1910.0	3130.0	1910.0	7.60	1.40
308	HALDIMAND	-	-	-	9/6/72	5.70	247.0	2170.0	3265.0	2170.0	-	1.00
342	HALDIMAND	-	-	-	2/10/78	5.40	267.0	850.0	1365.0	1220.0	7.20	-
390	HALDIMAND	-	-	-	8/6/72	0.25	359.0	1920.0	2726.0	1920.0	-	0.90
440	HALDIMAND	-	-	-	14/6/72	16.00	250.0	1350.0	1897.0	1350.0	7.10	0.50
444	HALDIMAND	-	-	-	2/10/78	0.90	278.0	444.0	890.0	650.0	7.40	-
465	HALDIMAND	-	-	-	16/6/72	5.50	288.0	1680.0	2641.0	1680.0	7.00	0.90
759	HALDIMAND	-	-	-	17/7/72	0.85	66.0	1860.0	3100.0	1860.0	7.50	1.40
787	HALDIMAND	-	-	-	15/1/73	0.65	30.0	1720.0	2950.0	1720.0	7.60	1.00
811	HALDIMAND	-	-	-	9/6/72	1.90	180.0	1780.0	2976.0	1780.0	-	1.00
870	HALDIMAND	-	-	-	15/6/72	1.40	151.0	2120.0	4022.0	2120.0	7.50	1.10
1198	HALDIMAND	-	-	-	13/2/68	7.75	282.0	800.0	-	800.0	7.20	-
1352	HALDIMAND	-	-	-	28/11/72	29.00	261.0	1680.0	-	1680.0	7.10	-
1478	HALDIMAND	-	-	-	19/7/72	2.20	296.0	1260.0	1908.0	1260.0	7.10	0.40
456	KENT	-	-	-	16/9/69	0.40	263.0	139.0	1785.0	1000.0	7.80	1.50
2392	KENT	-	-	-	1/4/65	0.18	324.0	92.0	-	-	8.00	0.90
2614	KENT	-	-	-	11/9/69	0.40	272.0	70.0	1130.0	610.0	8.00	2.00
3057	KENT	-	-	-	10/9/69	2.00	251.0	232.0	465.0	250.0	7.60	0.50
3386	KENT	-	-	-	12/9/69	2.05	231.0	73.0	960.0	530.0	8.00	1.20
3522	KENT	-	-	-	12/9/69	0.65	168.0	82.0	401.0	240.0	8.00	1.20
4774	LAMBTON	-	-	-	21/5/87	0.38	384.0	402.0	770.0	-	7.16	-
6675	LAMBTON	-	-	-	25/5/87	0.02	137.0	232.0	467.0	-	7.29	-

## 18. Glaciolacustrine silt and clay deposits (B) Page 6 of 7

HOZZ WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMHO/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLUORIDE (F)
7390	LAMTON	-	-	-	15/5/87	0.75	480.0	531.0	1010.0	-	6.78	-
3742	MIDDLESEX	-	-	-	-/-/73	1.10	-	176.0	381.0	-	-	-
7152	MIDDLESEX	-	-	-	1/5/86	-	229.0	271.0	510.0	-	7.67	-
8561	MIDDLESEX	-	-	-	6/5/86	-	211.0	469.0	1010.0	-	7.61	-
2073	NORFOLK	-	-	-	19/5/76	<0.05	277.0	284.0	720.0	440.0	7.90	0.60
2806	NORFOLK	-	-	-	19/5/76	0.10	257.0	288.0	610.0	394.0	7.60	0.60
620	OXFORD	-	-	-	29/7/65	0.51	-	222.0	360.0	310.0	8.00	-
64	PEEL	-	-	-	24/12/75	1.20	59.0	368.0	1550.0	-	7.80	-
2471	PEEL	-	-	-	30/9/77	0.95	215.0	404.0	1275.0	-	7.90	-
2702	PEEL	-	-	-	24/12/75	2.00	316.0	419.0	110.0	-	7.50	-
1175	PERTH	-	-	-	-/-/73	0.40	-	340.0	-	-	-	-
443	SIMCOE	-	-	-	27/7/59	0.28	159.0	151.0	-	-	8.00	-
768	SIMCOE	-	-	-	12/5/76	0.10	198.0	210.0	390.0	254.0	7.80	-
796	SIMCOE	-	-	-	12/5/76	0.10	144.0	2.0	305.0	198.0	8.30	-
831	SIMCOE	-	-	-	12/5/76	0.05	117.0	76.0	350.0	228.0	8.50	-
841	SIMCOE	-	-	-	13/5/76	0.05	171.0	170.0	400.0	260.0	7.88	-
3574	SIMCOE	-	-	-	18/12/62	-	342.0	676.0	-	-	7.60	-
3880	SIMCOE	-	-	-	4/7/79	0.10	113.0	40.0	325.0	210.0	8.40	0.50
4091	SIMCOE	-	-	-	22/6/77	0.10	244.0	183.0	450.0	318.0	7.80	0.30
4150	SIMCOE	-	-	-	20/8/68	0.05	364.0	368.0	938.0	586.0	7.40	<0.10
4331	SIMCOE	-	-	-	12/5/76	0.30	249.0	224.0	455.0	268.0	7.90	-
5179	SIMCOE	-	-	-	28/7/77	1.00	280.0	172.0	800.0	482.0	7.90	0.40
5230	SIMCOE	-	-	-	4/8/66	0.48	496.0	870.0	-	-	6.70	-
5260	SIMCOE	-	-	-	2/8/67	0.15	422.0	930.0	-	-	7.20	-
5282	SIMCOE	-	-	-	8/8/78	<0.05	294.0	444.0	840.0	750.0	7.30	0.10
6282	SIMCOE	-	-	-	8/8/78	<0.05	294.0	444.0	840.0	750.0	7.30	0.10



## 18. Glaciolacustrine silt and clay deposits (A,B) Page 7 of 7

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BORATE (AS HCO3)	SULPHATE (SO4)	CHLORIDE (Cl)	NITRATE (NO3 as N)
9913	SIMCOE	-	-	-	25/7/79	115.0	20.0	6.0	1.6	275.0	33.0	24.0	10.00
1691	YORK	-	-	-	23/6/77	99.0	18.0	19.0	0.8	321.0	51.0	14.0	6.50
3271	YORK	-	-	-	6/25/74	179.0	26.0	81.0	1.7	395.0	55.0	262.0	<0.20
7442	YORK	-	-	-	23/6/77	49.0	19.0	6.0	0.8	246.0	9.0	1.0	<0.10
7499	YORK	-	-	-	23/6/77	66.0	16.0	2.0	1.1	271.0	14.0	2.0	<0.10
8724	YORK	-	-	-	23/6/77	28.0	16.0	28.0	1.0	237.0	3.0	2.0	<1.0
10220	YORK	-	-	-	6/25/74	104.0	16.0	5.0	2.1	407.0	11.0	3.0	<0.20
11210	YORK	-	-	-	23/6/77	102.0	18.0	4.0	1.2	295.0	26.0	18.0	11.00
11219	YORK	-	-	-	6/25/74	222.0	39.0	46.0	4.2	595.0	155.0	119.0	<0.20
					# of sample	77	77	77	74	62	80	86	62
					mean	189.8	49.0	82.0	4.1	283.5	387.7	117.3	2.55
					minimum	9.0	<1.0	1.8	0.2	37.0	<1.0	0.2	<0.01
					maximum	728.0	346.0	873.0	23.8	639.0	2050.0	2360.0	30.00

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO3)	TOTAL HARDNESS (AS CaCO3)	CONDUCTIVITY (UMH/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLOURIDE (F)
9913	SIMCOE	-	-	-	25/7/79	<0.50	275.0	372.0	700.0	430.0	7.40	<0.10
1691	YORK	-	-	-	23/6/77	0.10	263.0	323.0	635.0	449.0	8.20	<0.10
3271	YORK	-	-	-	6/25/74	1.10	324.0	552.0	960.0	800.0	7.20	-
7442	YORK	-	-	-	23/6/77	0.25	202.0	202.0	375.0	265.0	8.20	0.10
7499	YORK	-	-	-	23/6/77	8.00	222.0	232.0	419.0	296.0	8.40	0.10
8724	YORK	-	-	-	23/6/77	0.45	194.0	137.0	341.0	241.0	8.40	0.30
10220	YORK	-	-	-	6/25/74	2.30	334.0	324.0	580.0	340.0	7.40	-
11210	YORK	-	-	-	23/6/77	<0.10	242.0	330.0	605.0	428.0	8.40	0.10
11219	YORK	-	-	-	6/25/74	0.30	198.0	156.0	375.0	212.0	7.00	-
					# of sample	83	84	87	71	67	81	50
					mean	1.68	242.1	628.0	1312.8	918.0	7.64	0.70
					minimum	0.02	30.0	2.0	110.0	198.0	6.70	<0.10
					maximum	29.00	524.0	3260.0	9070.0	7800.0	8.50	2.00

## 19. Glaciomarine and marine silt and clay deposits (A) Page 1 of 2

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	CALCIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	POTAS- SIUM (K)	BICAR- BONATE (AS HCO <sub>3</sub> )	SULPHATE (SO <sub>4</sub> )	CHLORIDE (Cl)	NITRATE (NO <sub>3</sub> as N)
-	DUNDAS	466000	4992000	18	-/5/76	9.0	36.0	27.0	9.0	326.0	61.0	30.0	0.10
-	DUNDAS	471400	4976200	18	-/5/76	3.5	42.0	42.0	3.5	467.0	51.0	160.0	2.20
-	OTTAWA CARLE	460700	5014800	18	-/7/76	63.0	28.0	13.0	3.8	300.0	45.0	8.0	<0.10
-	OTTAWA CARLE	465350	5015000	18	-/7/76	93.0	36.0	17.0	1.6	384.0	37.0	38.0	1.80
377	PRESOTT	-	-	-	-/8/76	14.0	<1.0	10.0	1.1	31.0	11.0	12.0	0.20
472	PRESOTT	-	-	-	-/8/76	24.0	13.0	250.0	8.2	636.0	5.0	82.0	<0.10
787	PRESOTT	-	-	-	-/8/76	88.0	52.0	160.0	3.1	584.0	110.0	116.0	5.40
-	PRESOTT	504100	5025200	18	-/8/76	70.0	52.0	55.0	11.0	517.0	28.0	42.0	<0.10
-	PRESOTT	493500	5045000	18	-/8/76	14.0	8.0	11.0	0.1	68.0	8.0	16.0	1.20
1429	RUSSELL	-	-	-	-/6/76	54.0	28.0	180.0	11.0	352.0	150.0	159.0	0.10
-	RUSSELL	493800	5015000	18	-/6/76	130.0	16.0	25.0	3.3	320.0	49.0	79.0	3.40
-	RUSSELL	489800	5010900	18	-/6/76	27.0	47.0	87.0	19.0	490.0	3.0	2.0	<0.10
-	RUSSELL	486700	5033400	18	-/7/76	109.0	28.0	58.0	9.4	476.0	55.0	46.0	0.40
-	RUSSELL	481300	5039200	18	-/7/76	114.0	28.0	29.0	3.6	359.0	37.0	90.0	<0.10
					# of sample	14	14	14	14	14	14	14	14
					mean	58.0	29.6	69.6	6.3	379.3	46.4	62.9	1.09
					minimum	3.5	<1.0	10.0	0.1	31.0	3.0	2.0	<0.10
					maximum	130.0	52.0	250.0	19.0	636.0	150.0	160.0	5.40



## 19. Glaciomarine and marine silt and clay deposits (B) Page 2 of 2

HOZE WELL #	COUNTY	UTM EASTING	UTM NORTHING	UTM ZONE	SAMPLING DATE (DD/MM/YY)	TOTAL IRON (Fe)	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	TOTAL HARDNESS (AS CaCO <sub>3</sub> )	CONDUCTIVITY (UMH/CM at 25 C)	TOTAL DISSOLVED SOLIDS	pH (no units)	FLUORIDE (F)
-	DUNDAS	466000	4992000	18	-/5/76	1.40	267.0	308.0	660.0	384.0	7.60	-
-	DUNDAS	471400	4976200	18	-/5/76	0.20	383.0	572.0	1230.0	850.0	7.10	-
-	OTTAWA CARLE	460700	5014800	18	-/7/76	1.00	246.0	272.0	540.0	342.0	7.50	-
-	OTTAWA CARLE	465350	5015000	18	-/7/76	<0.05	315.0	380.0	690.0	456.0	7.50	-
377	PRESCOTT	-	-	-	-/8/76	5.60	25.0	34.0	110.0	72.0	7.60	-
472	PRESCOTT	-	-	-	-/8/76	0.25	521.0	112.0	1060.0	746.0	7.80	-
787	PRESCOTT	-	-	-	-/8/76	0.10	479.0	432.0	1300.0	900.0	6.90	-
-	PRESCOTT	504100	5025200	18	-/8/76	0.45	424.0	388.0	850.0	552.0	7.30	-
-	PRESCOTT	493500	5045000	18	-/8/76	0.20	56.0	68.0	170.0	110.0	6.90	-
1429	RUSSELL	-	-	-	-/6/76	0.35	289.0	252.0	1280.0	788.0	7.80	-
-	RUSSELL	493800	5015000	18	-/6/76	0.05	262.0	388.0	810.0	602.0	7.20	-
-	RUSSELL	489800	5010900	18	-/6/76	0.55	402.0	260.0	790.0	472.0	8.10	-
-	RUSSELL	486700	5033400	18	-/7/76	0.25	390.0	554.0	870.0	554.0	7.00	-
-	RUSSELL	483300	5039200	18	-/7/76	-	294.0	574.0	810.0	574.0	6.80	-
					# of sample	13	14	14	14	14	14	0
					mean	0.80	310.9	328.1	797.9	528.7	7.36	-
					minimum	<0.05	25.0	34.0	110.0	72.0	6.80	-
					maximum	5.60	521.0	574.0	1300.0	900.0	8.10	-



